

April 20, 2006

Darryl Mexic

Q93289

1 of 44

202-293-7060

1/44

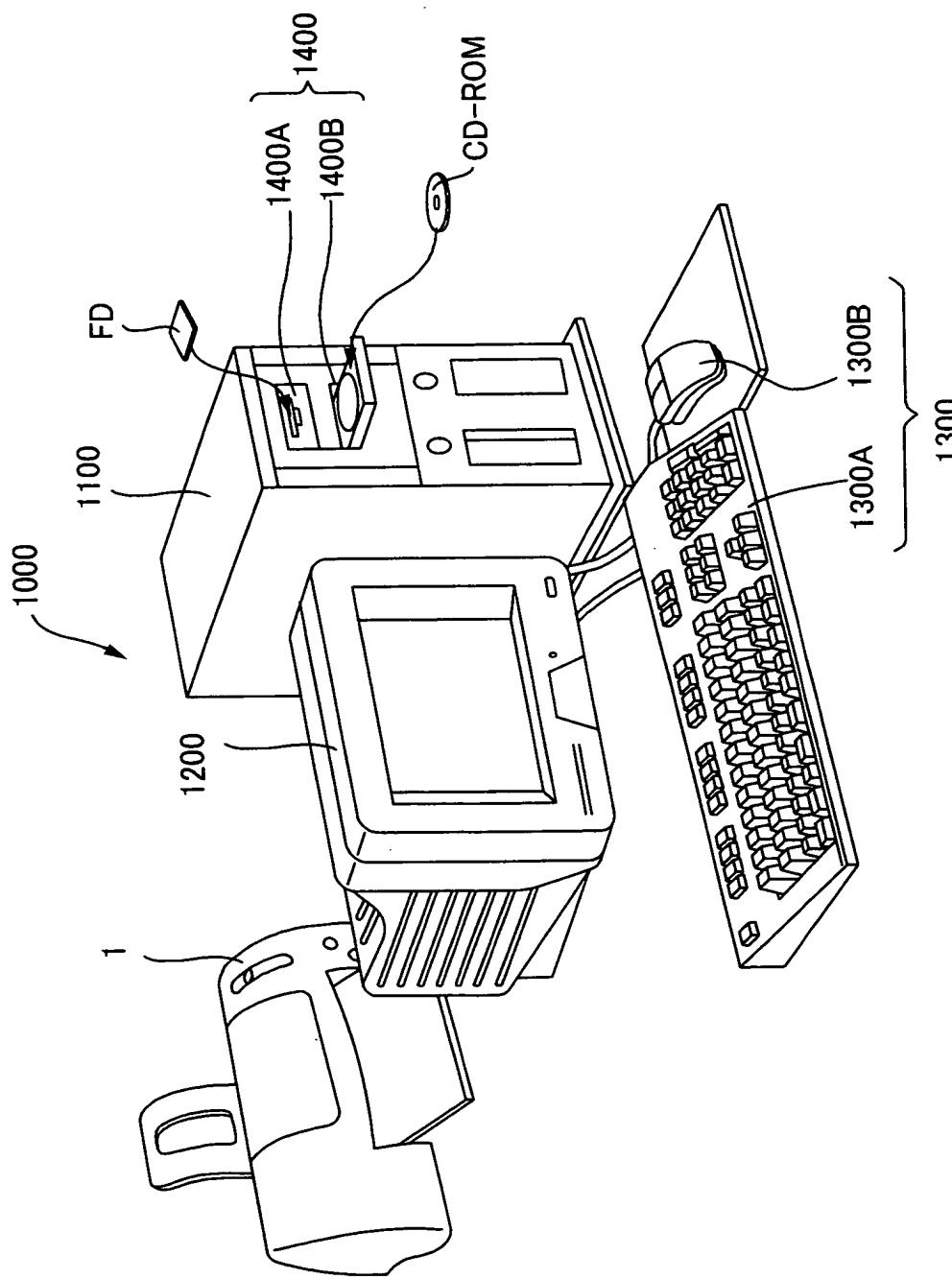


Fig. 1

2/44

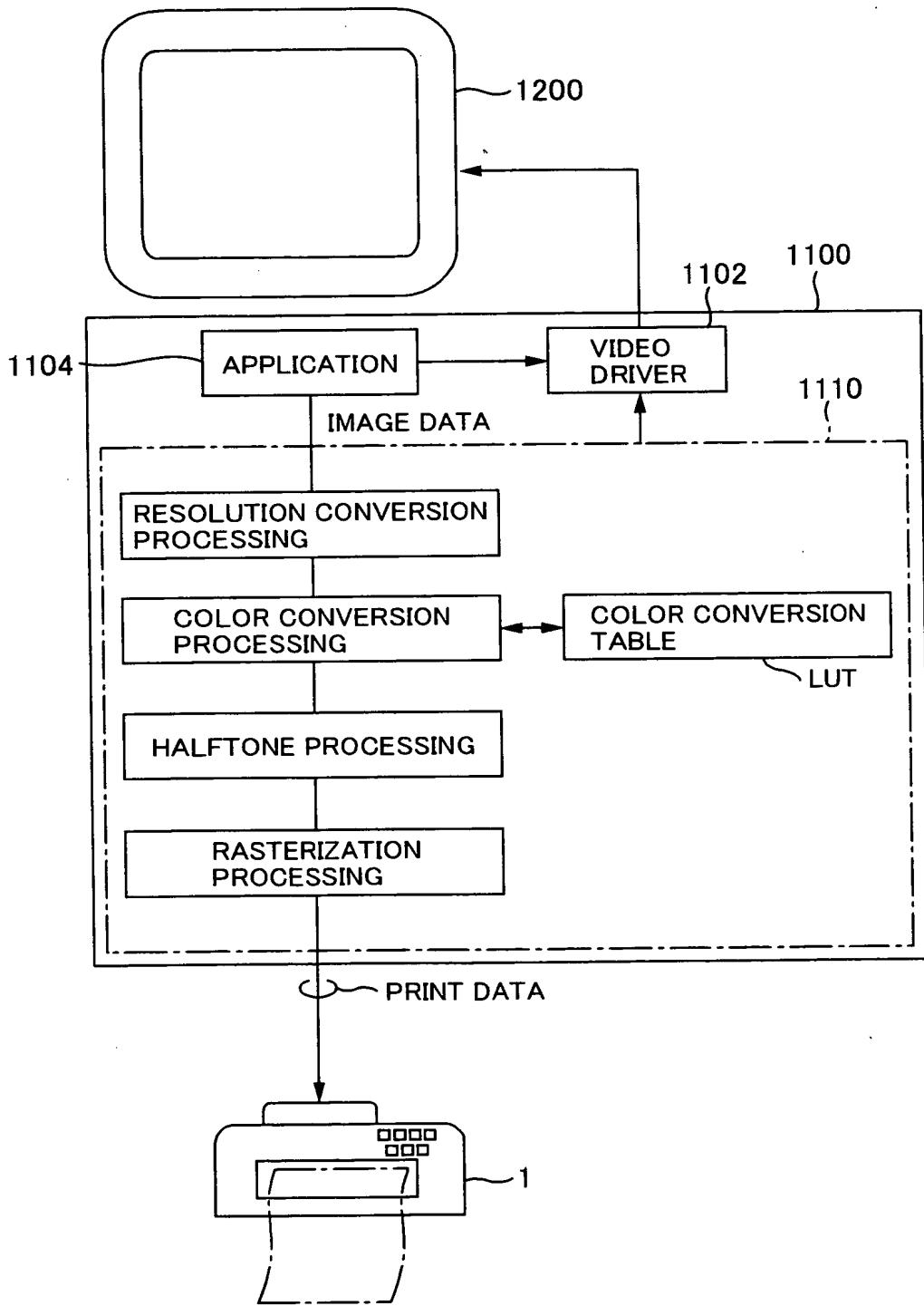


Fig.2

3/44

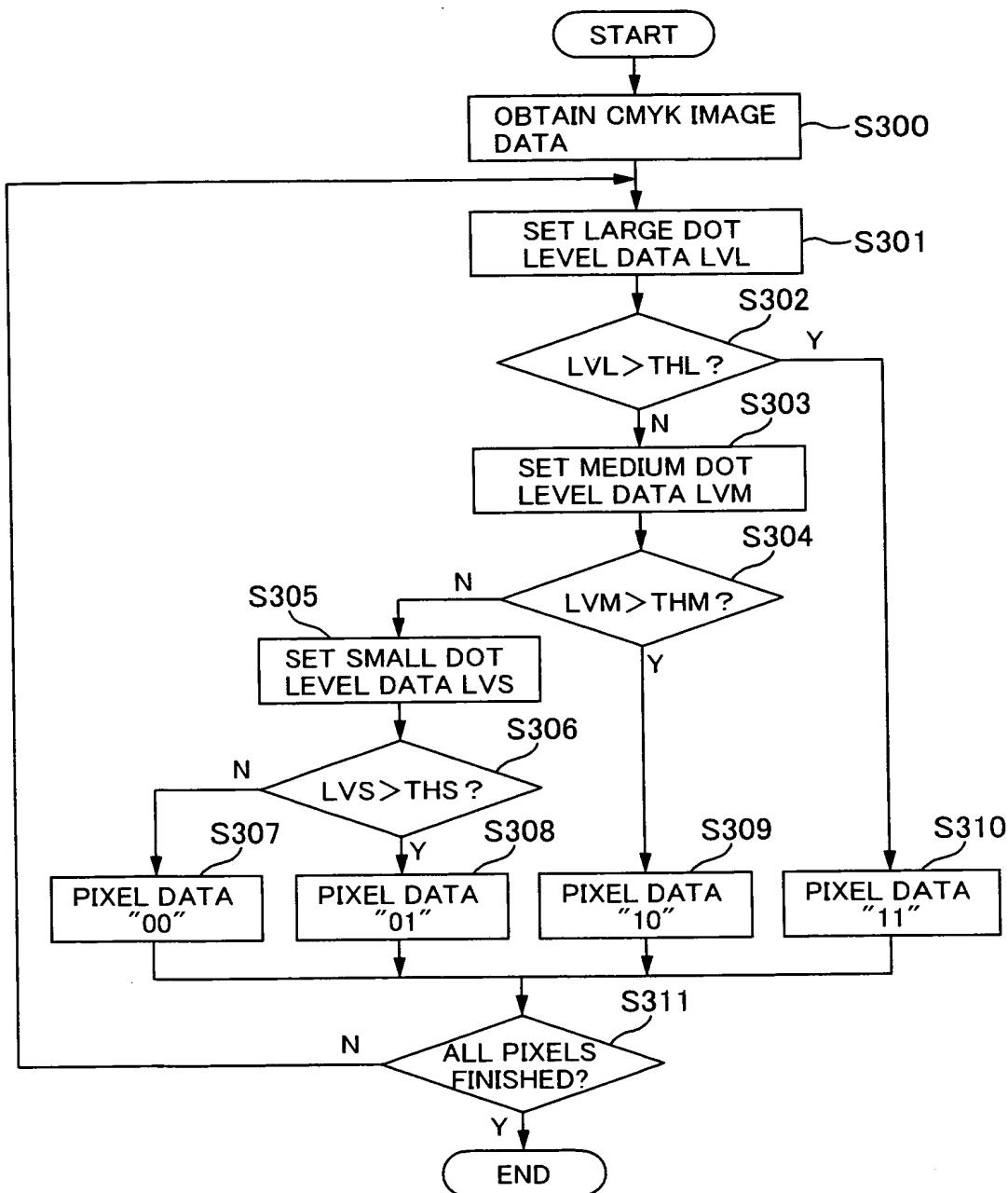


Fig.3

4/44

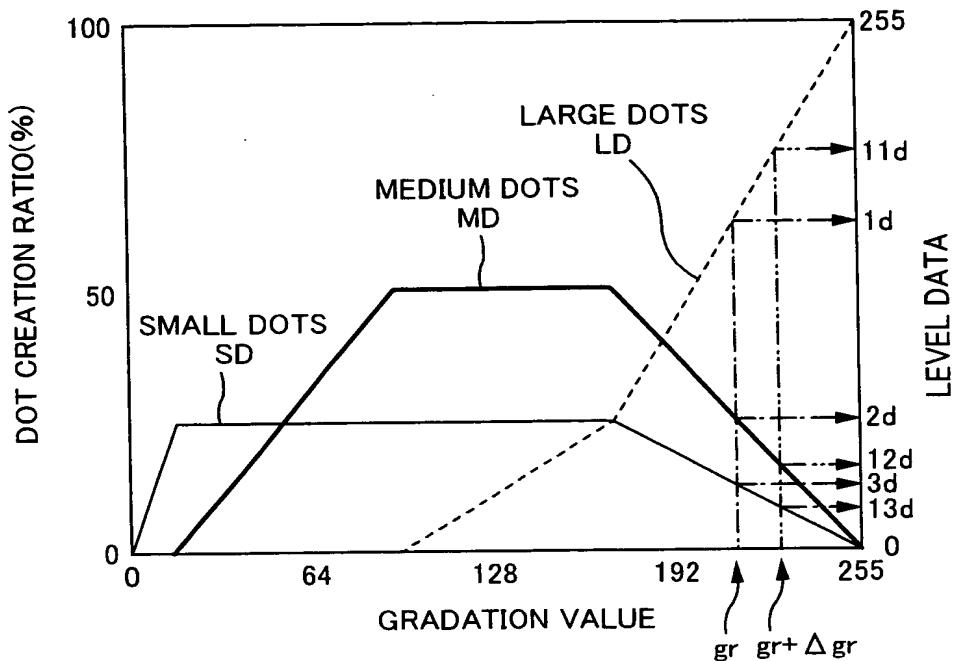


Fig.4

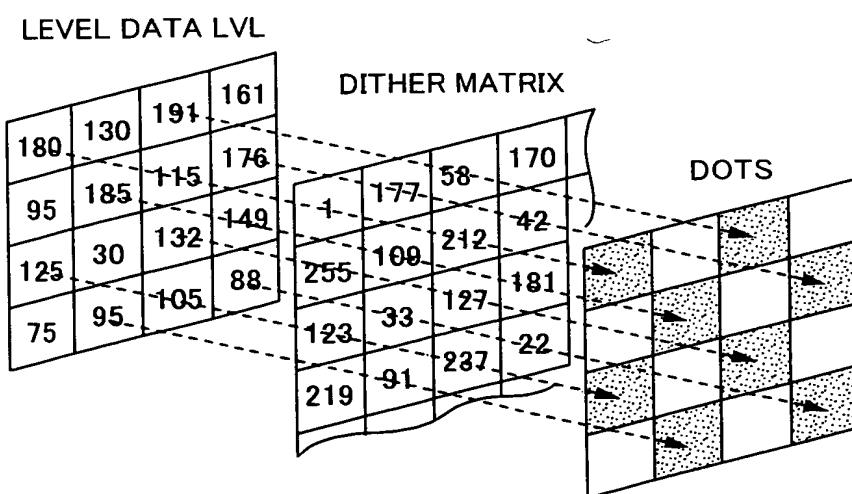


Fig.5

5/44

Fig.6A

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1	9	3	11
13	5	15	7
4	12	2	10
16	8	14	6

Fig.6B

UM

16	8	14	6
4	12	2	10
13	5	15	7
1	9	3	11

Masahiko YOSHIDA  
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April 20, 2006  
Darryl Mexic 202-293-7060  
Q93289  
6 of 44

6/44

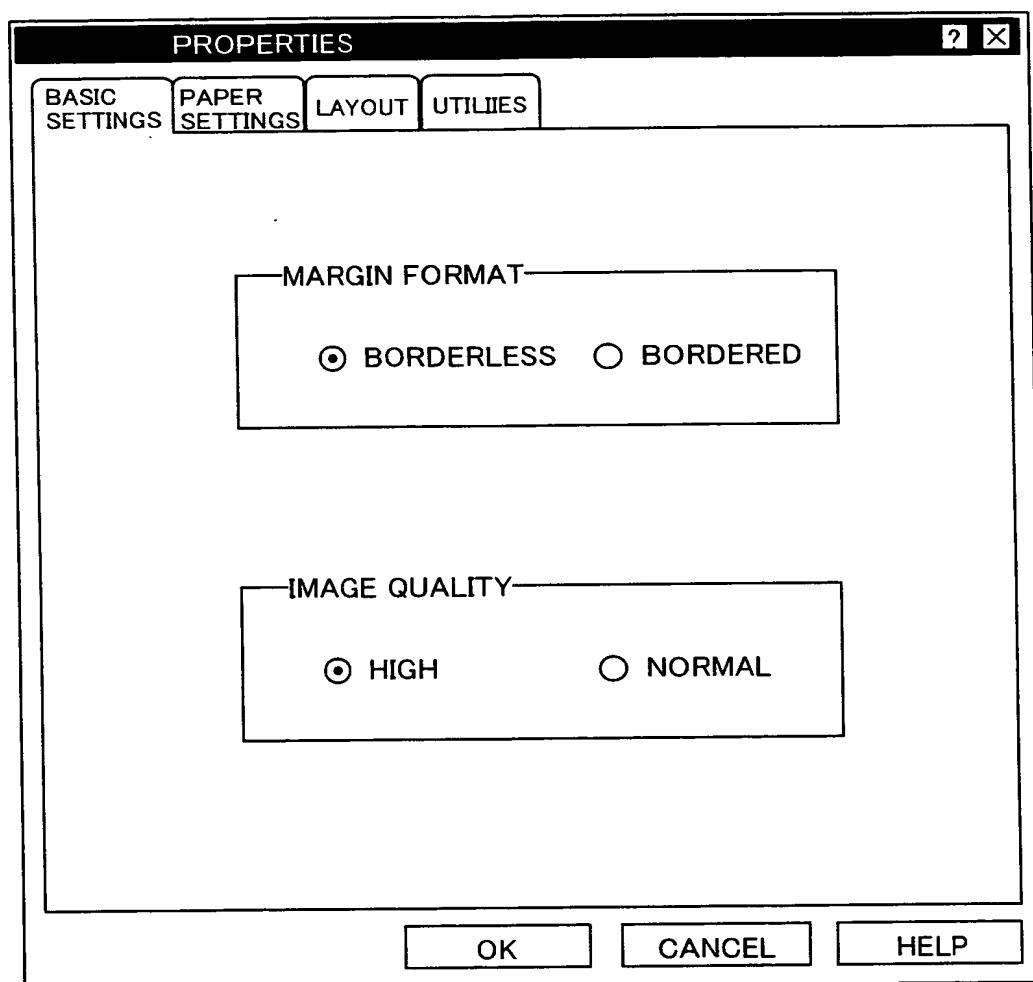


Fig.7

7/44

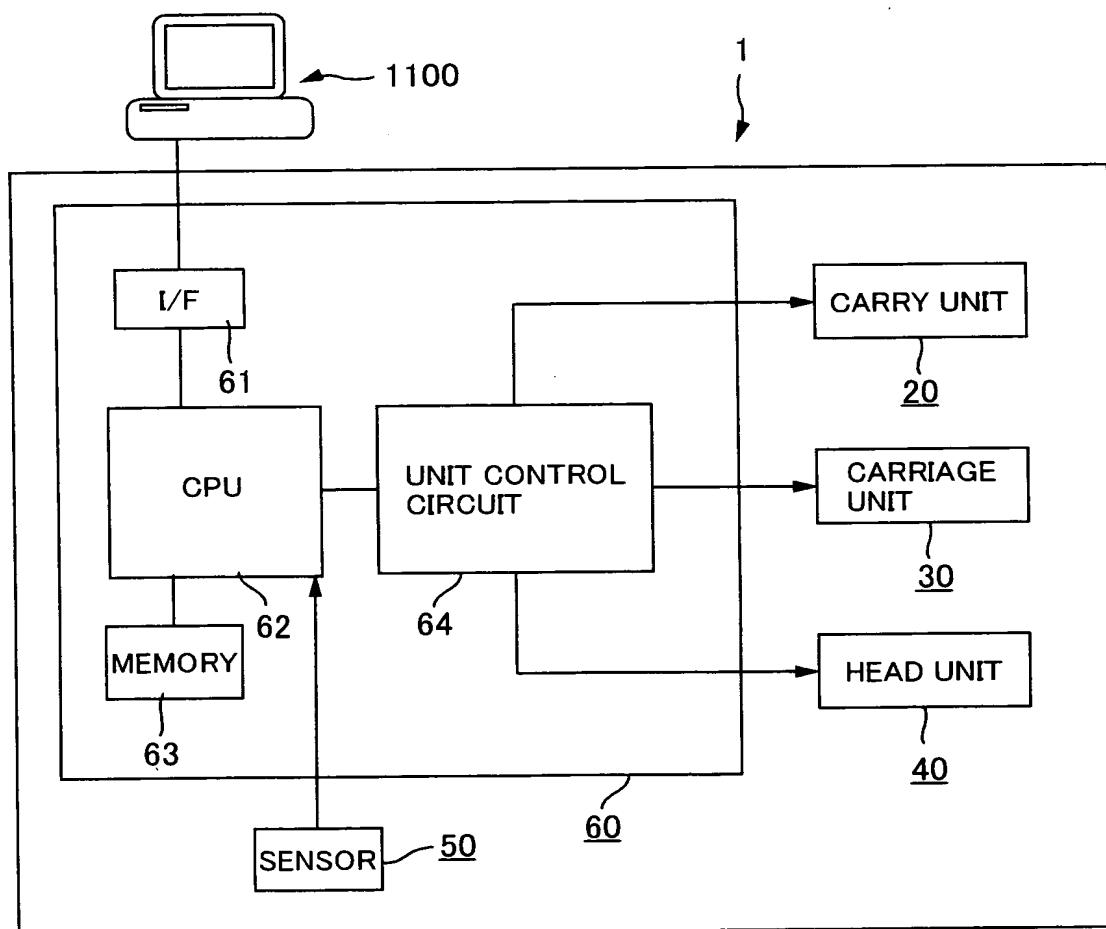


Fig.8

8/44

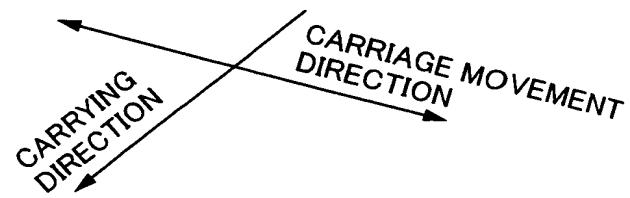
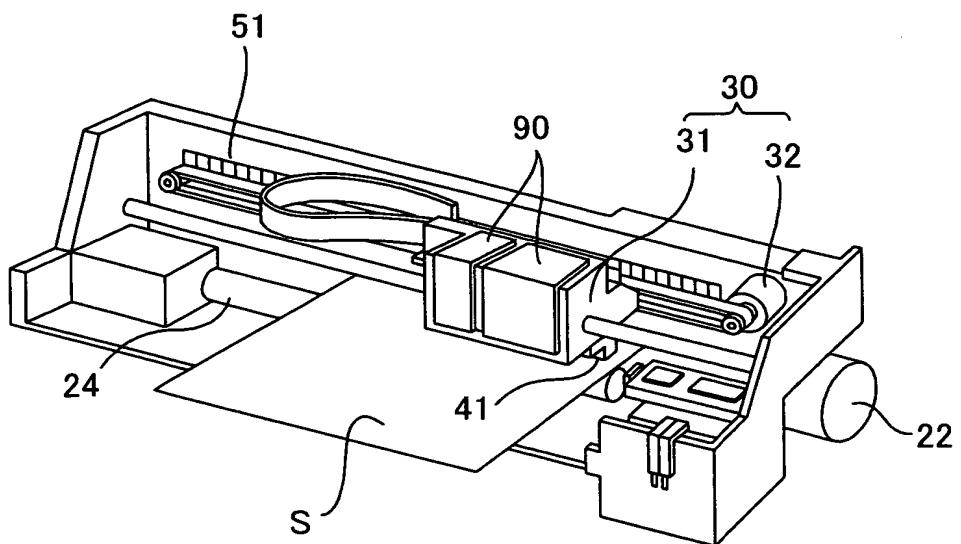


Fig.9

9/44

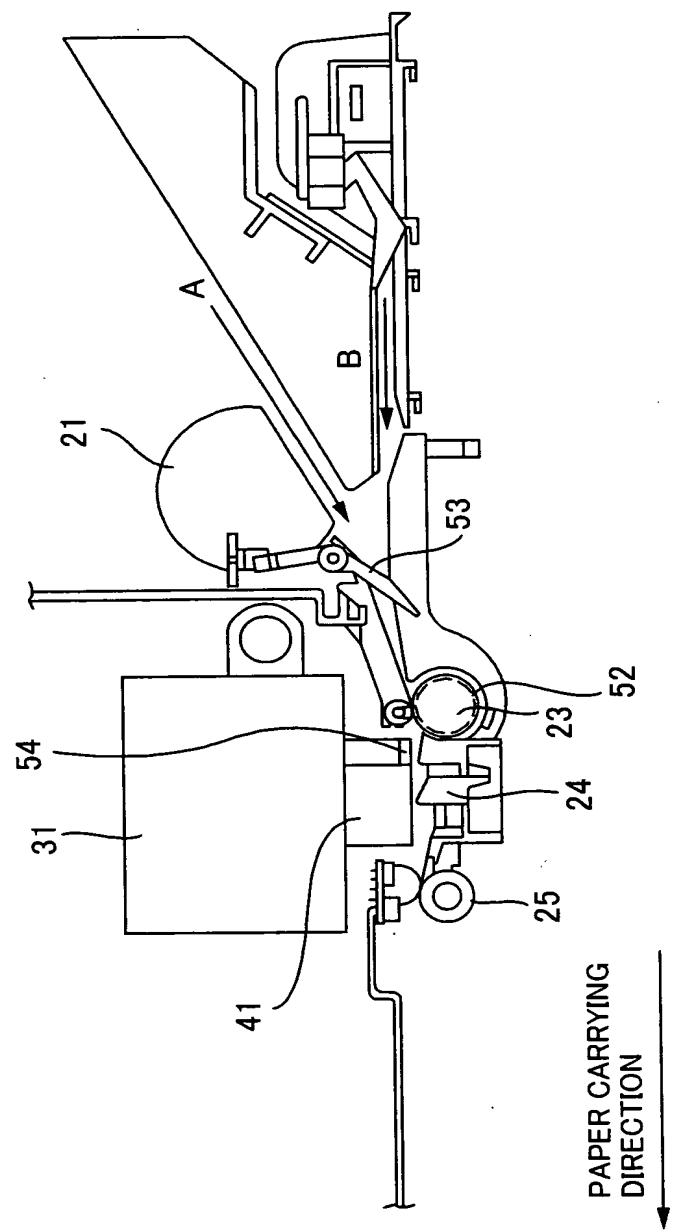


Fig. 10

10/44

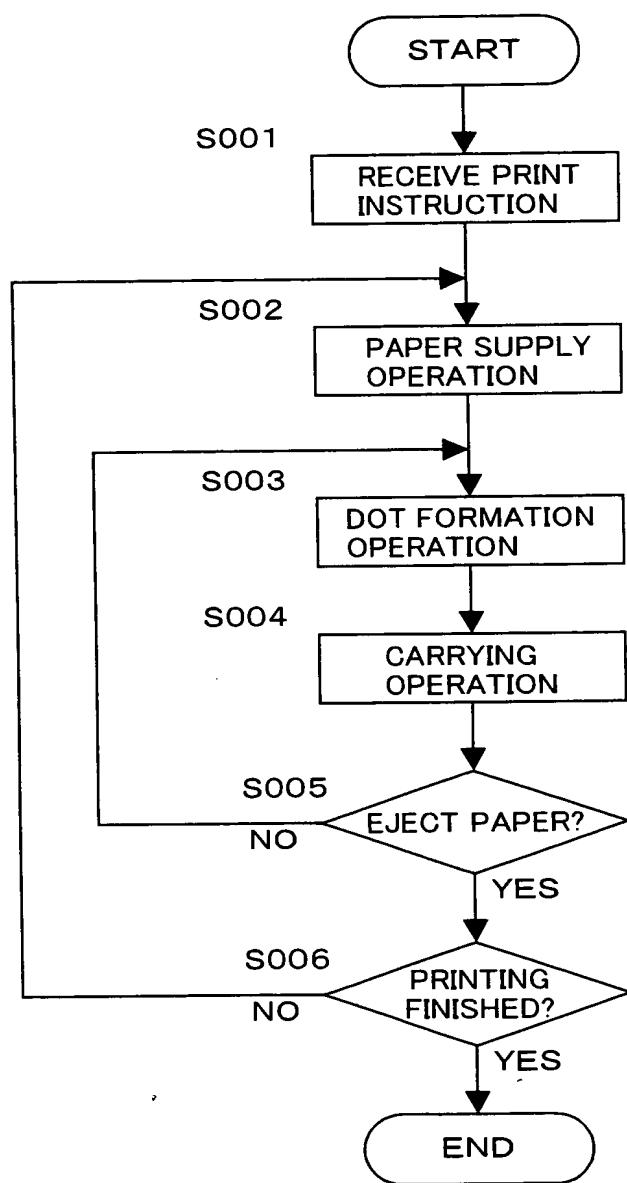


Fig.11

11/44

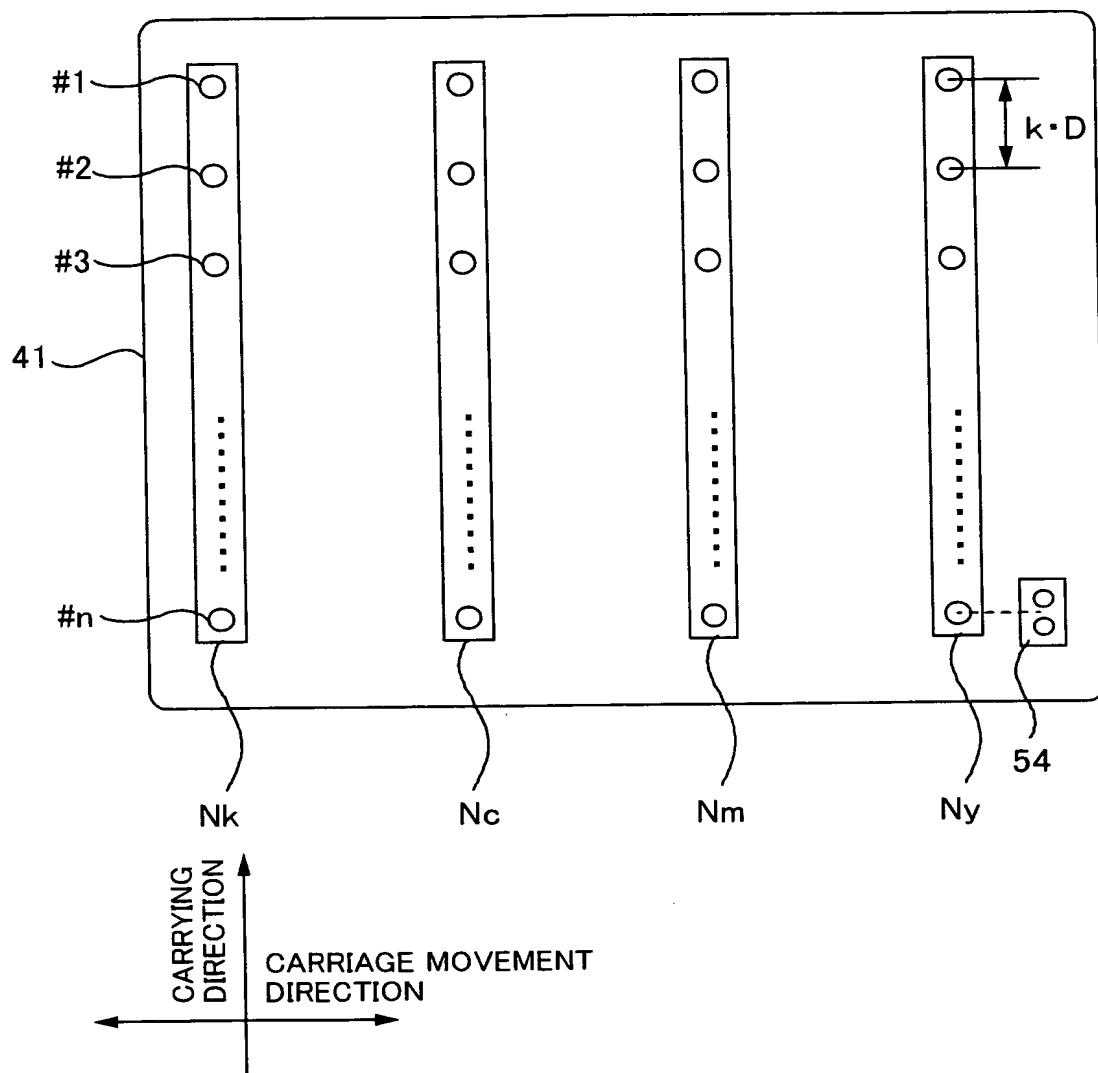


Fig.12

12/44

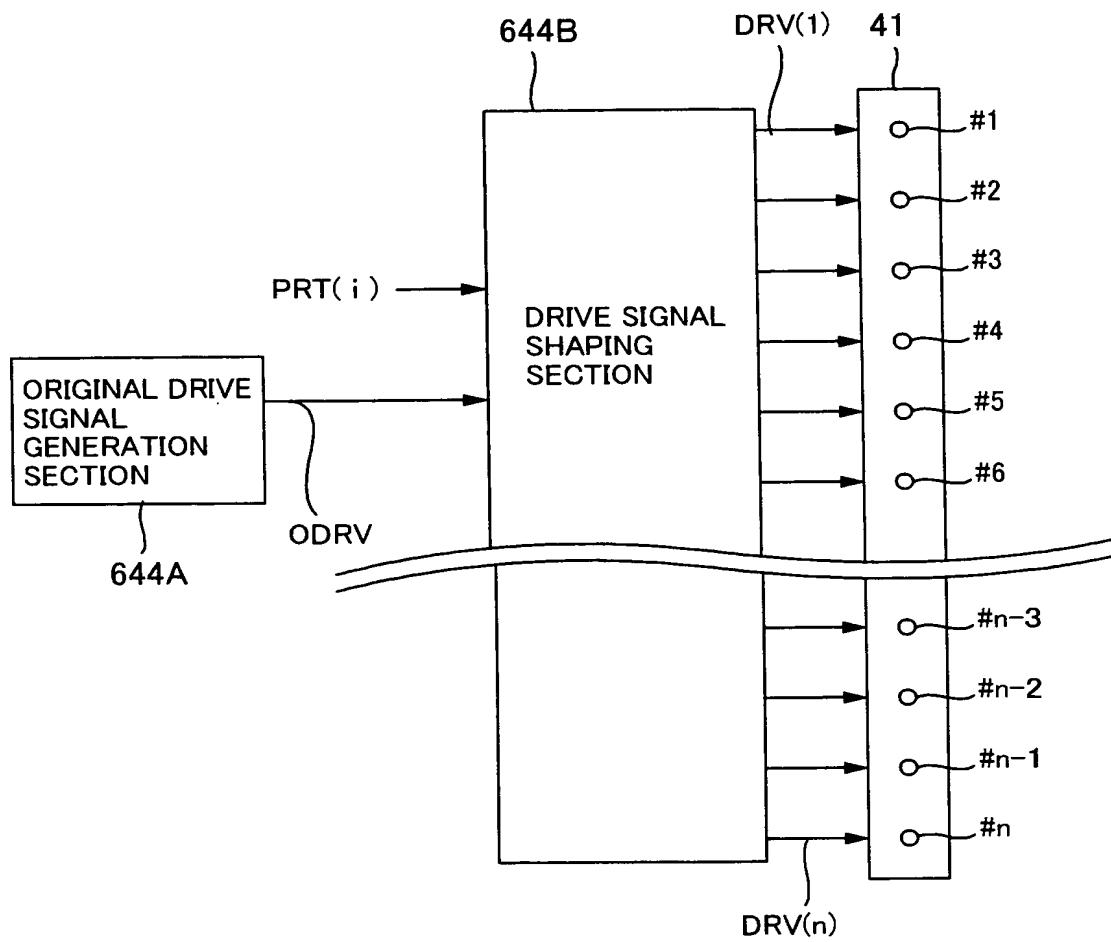


Fig.13

13/44

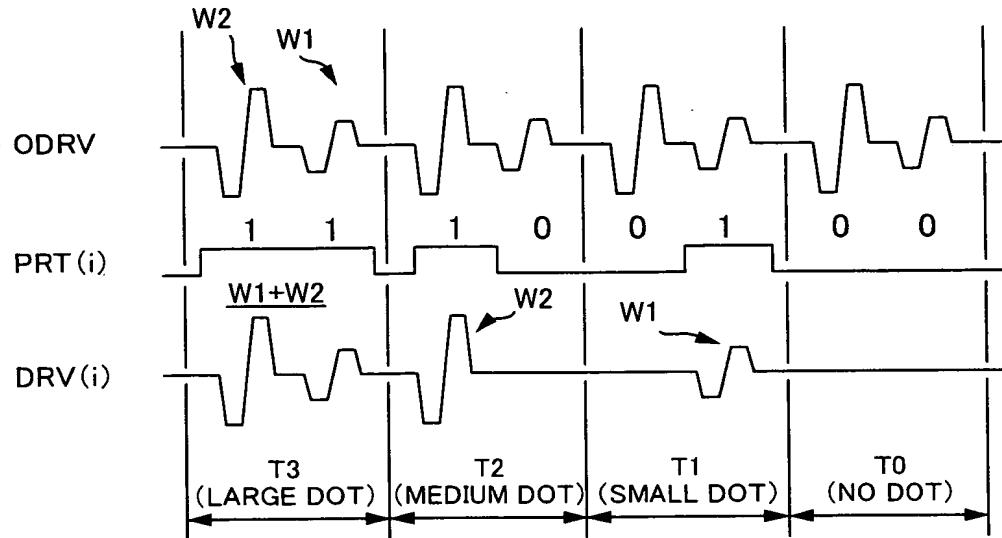


Fig.14

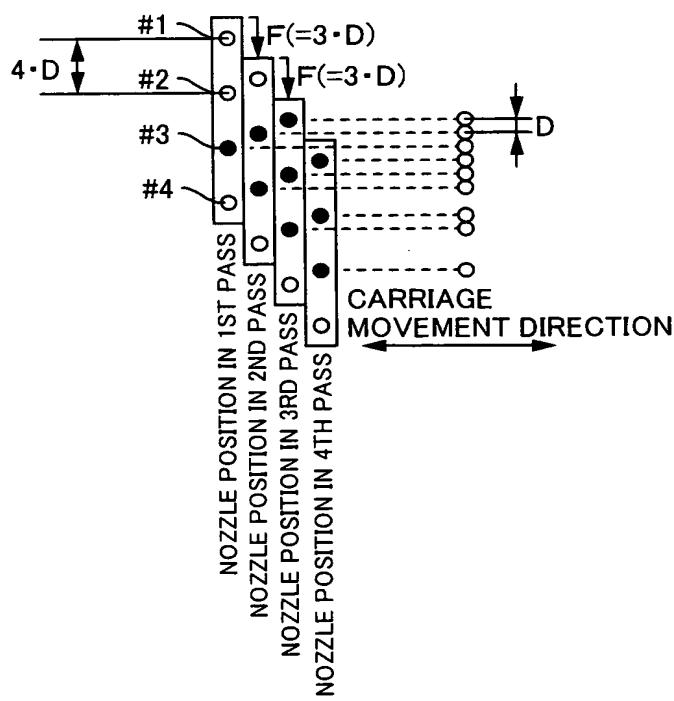


Fig.15A

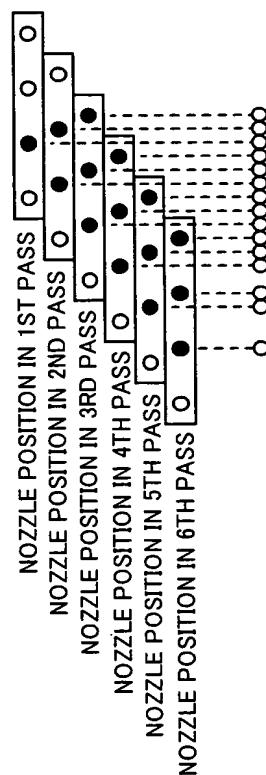


Fig.15B

14/44

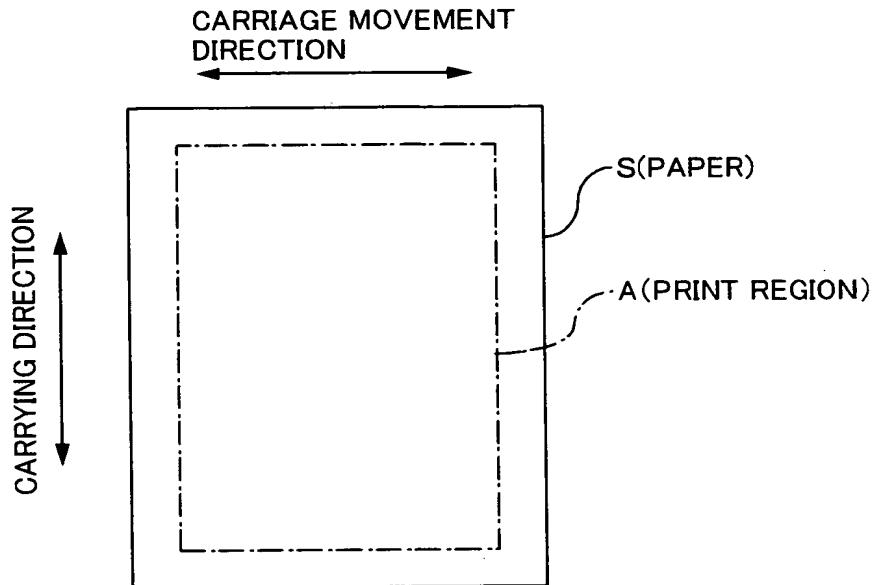


Fig.16

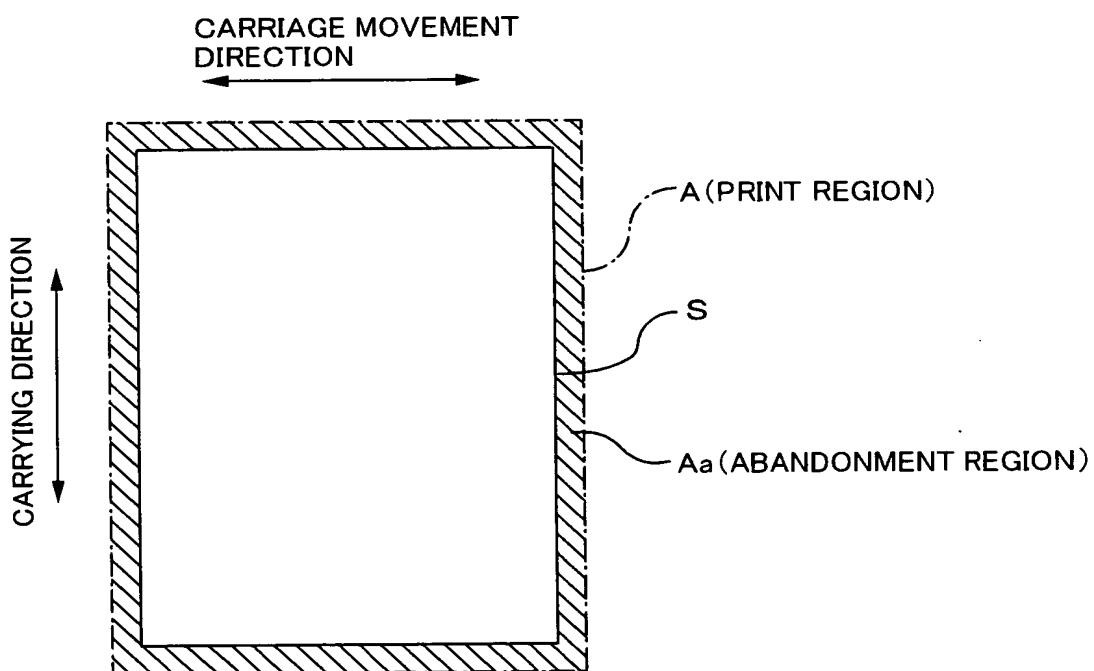


Fig.17

15/44

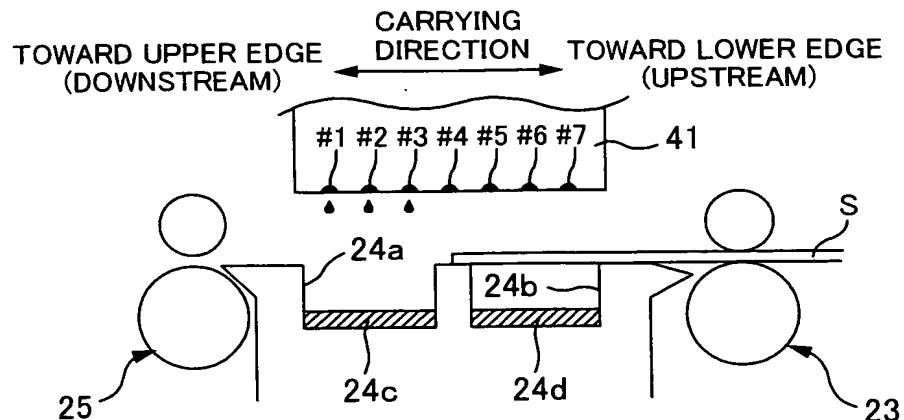


Fig.18A

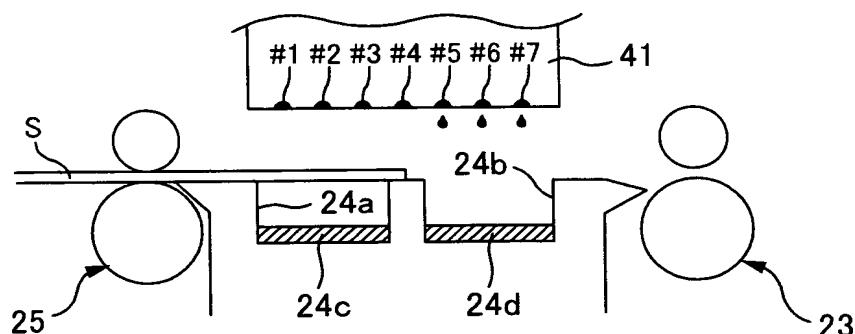


Fig.18B

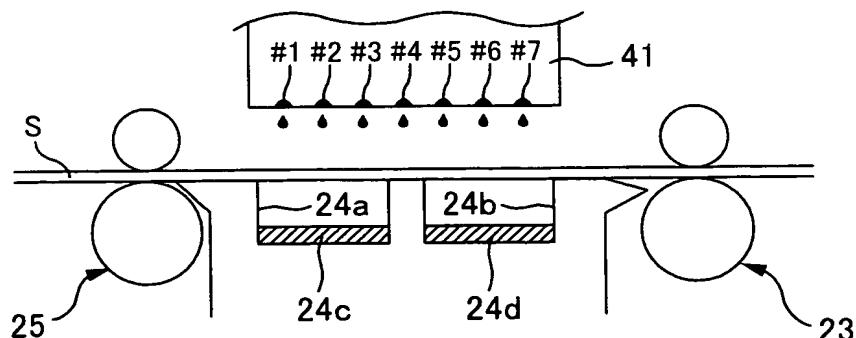


Fig.18C

16/44

MARGIN FORMAT MODE	IMAGE QUALITY MODE	PRINT MODE
BORDERLESS	HIGH	FIRST PRINT MODE
	NORMAL	THIRD PRINT MODE
BORDERED	HIGH	SECOND PRINT MODE
	NORMAL	FOURTH PRINT MODE

Fig.19

PRINT MODE	PROCESSING MODE
FIRST PRINT MODE	FIRST UPPER EDGE PROCESSING MODE, FIRST INTERMEDIATE PROCESSING MODE, FIRST LOWER EDGE PROCESSING MODE
SECOND PRINT MODE	FIRST INTERMEDIATE PROCESSING MODE
THIRD PRINT MODE	SECOND LOWER EDGE PROCESSING MODE, SECOND INTERMEDIATE PROCESSING MODE, SECOND LOWER EDGE PROCESSING MODE
FOURTH PRINT MODE	SECOND INTERMEDIATE PROCESSING MODE

Fig.20

17/44

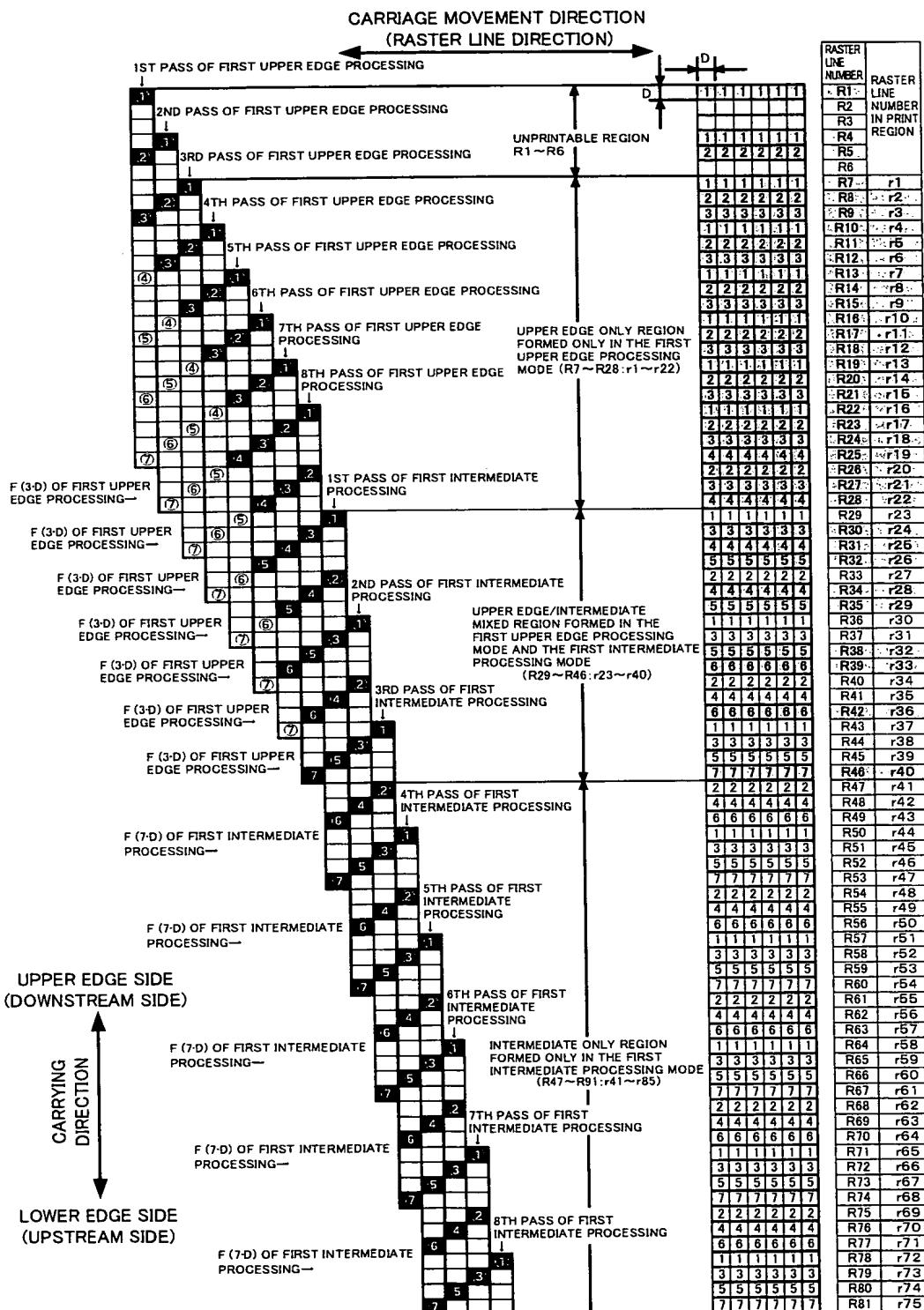


Fig.21A

18/44

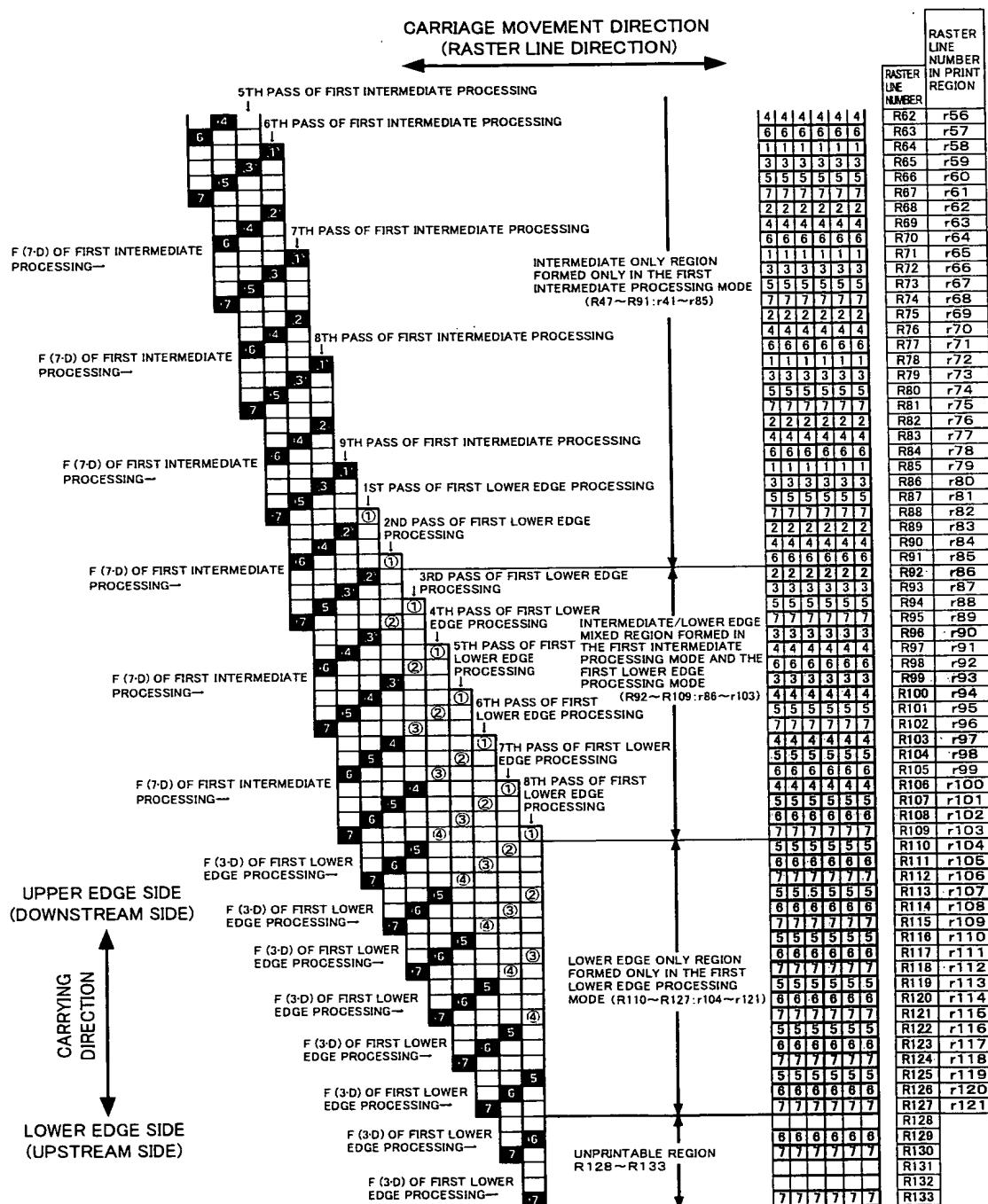


Fig.21B

19/44

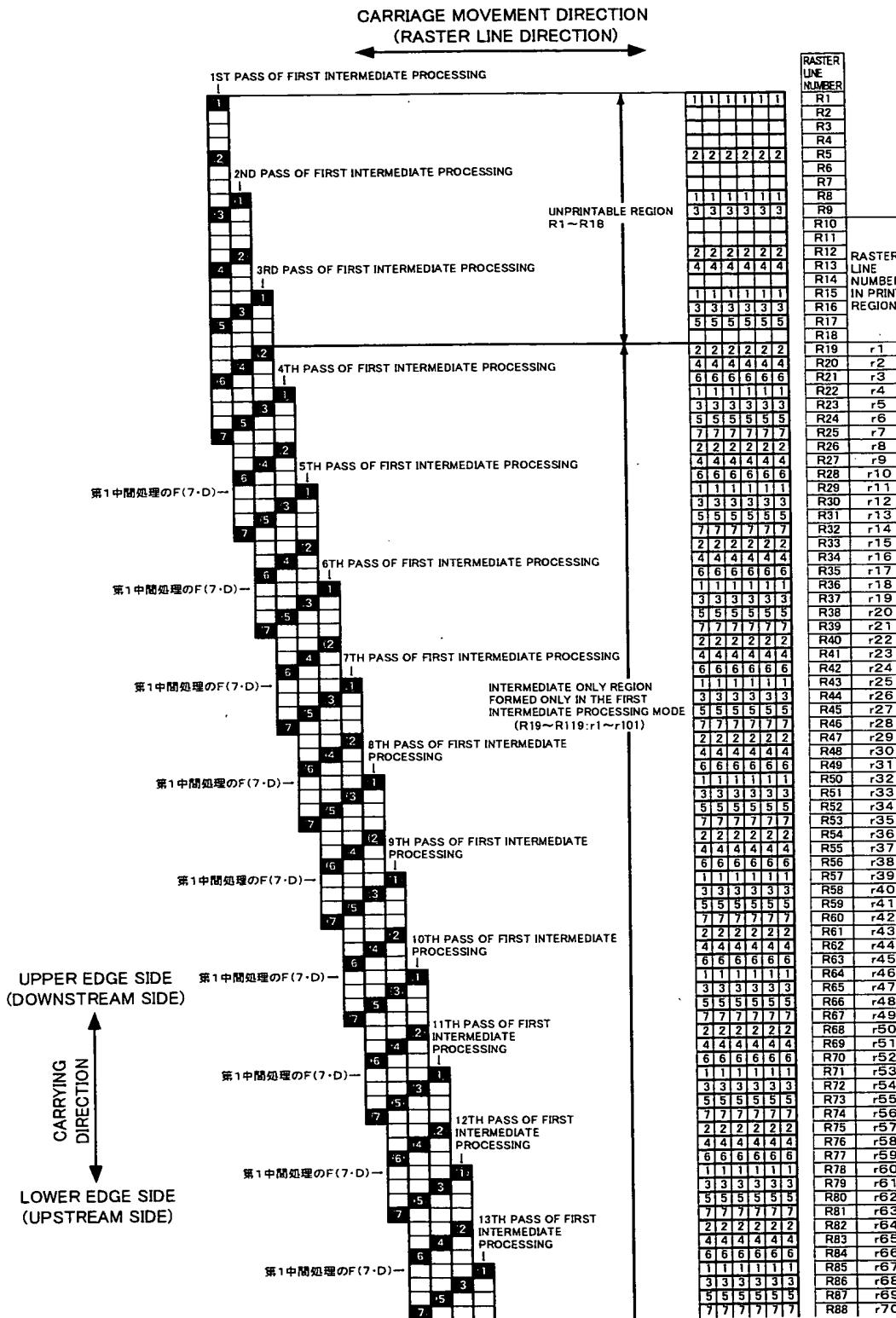


Fig.22A

20/44

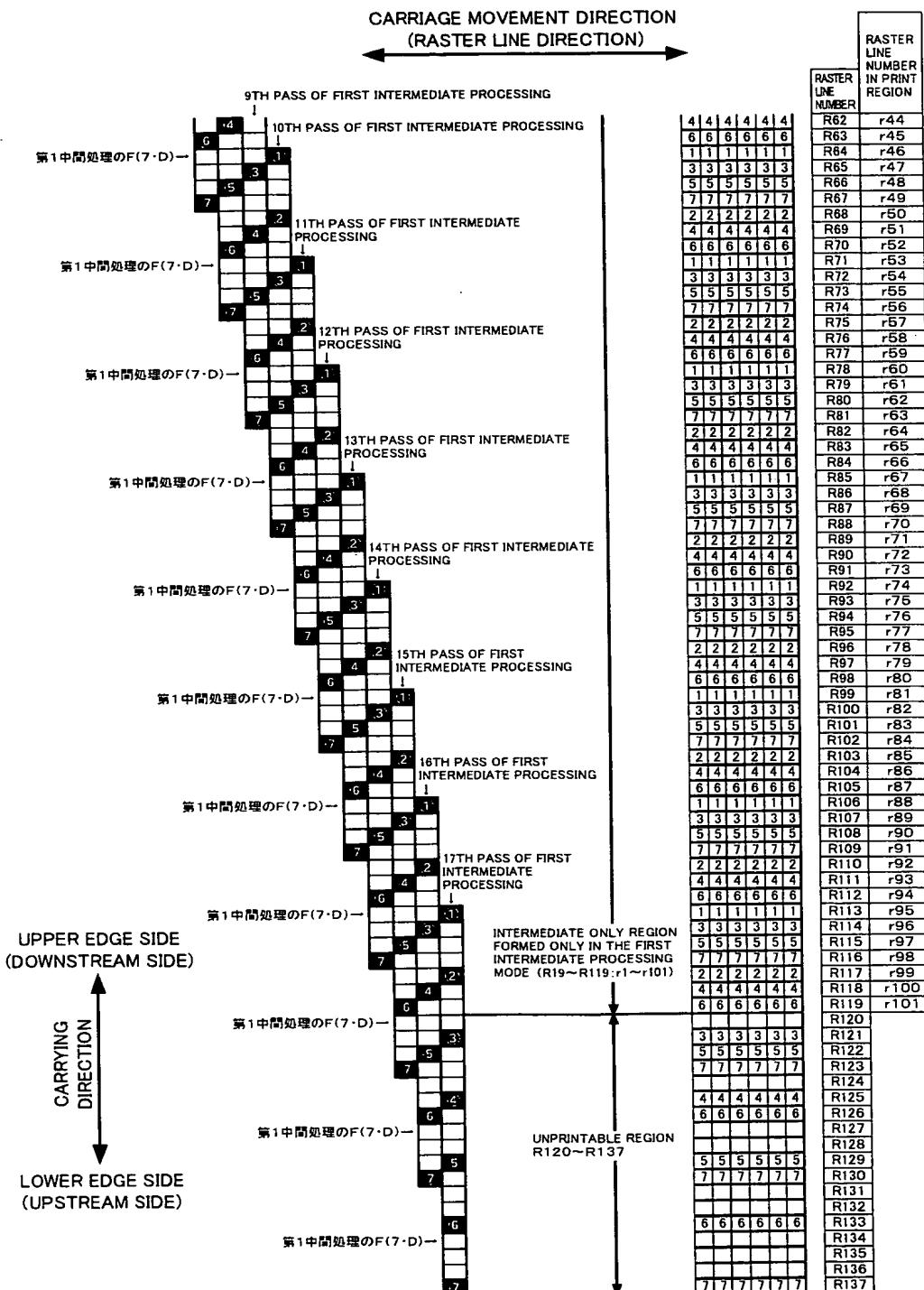


Fig.22B

21/44

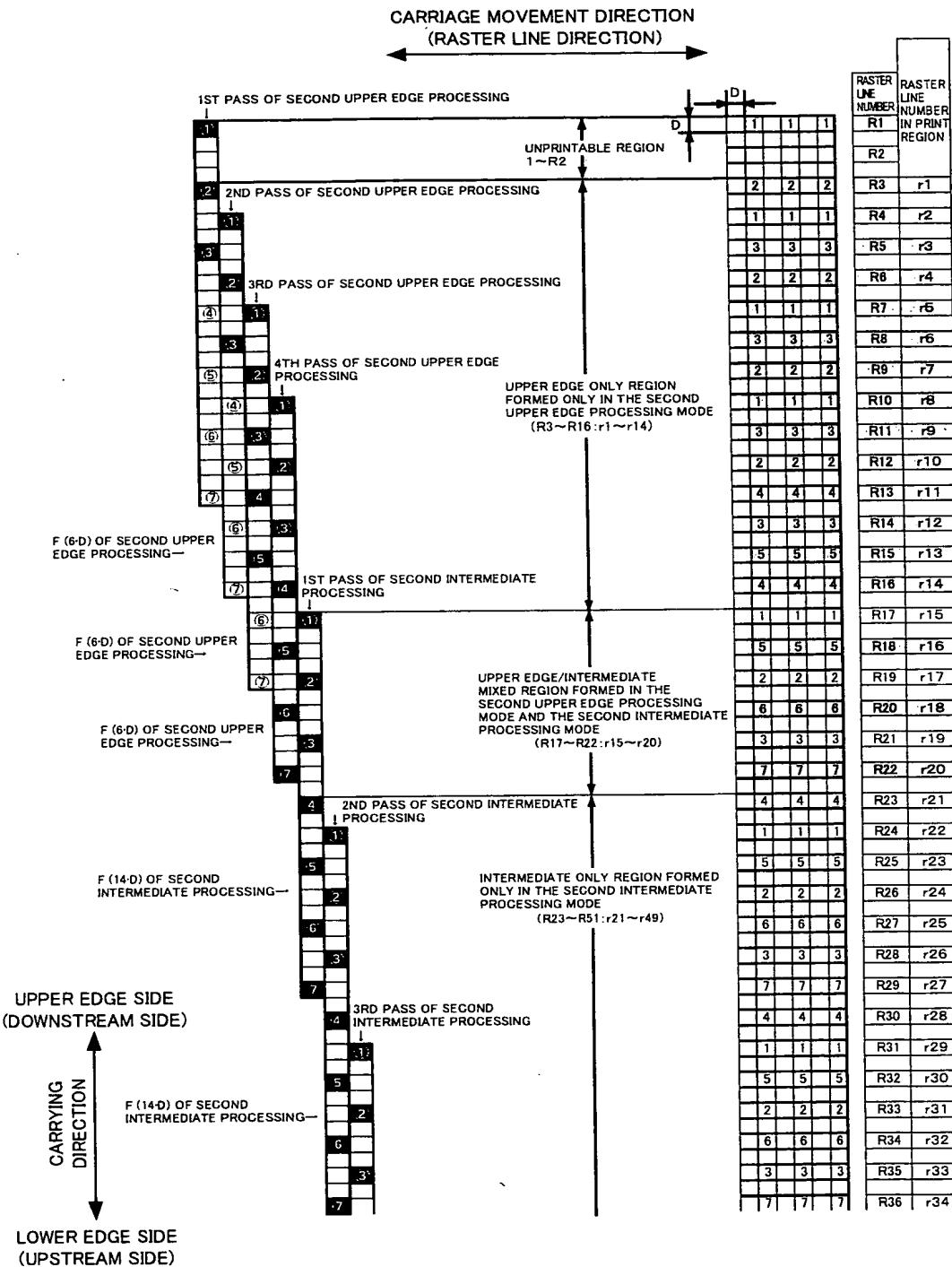


Fig.23A

22/44

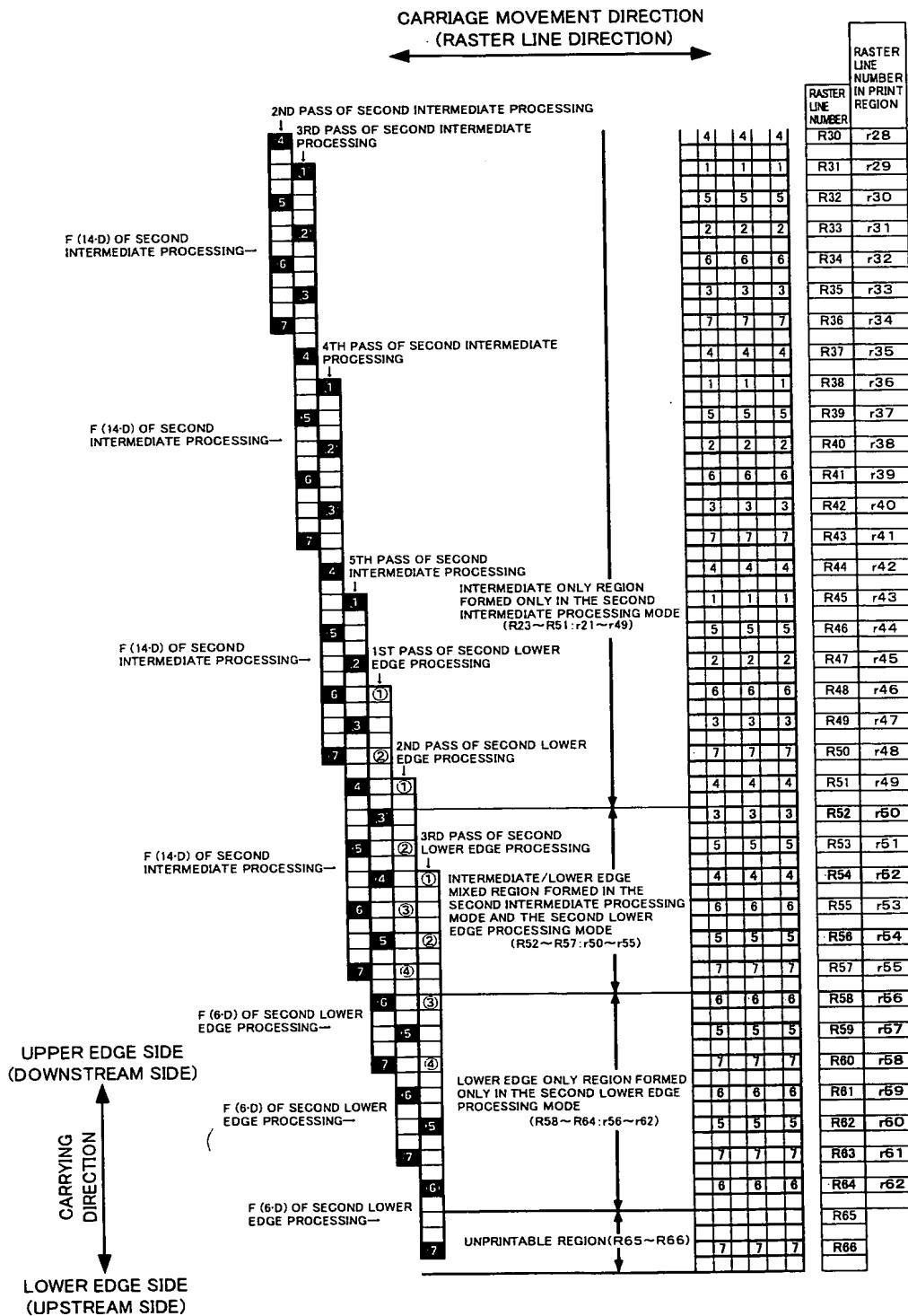


Fig.23B

23/44

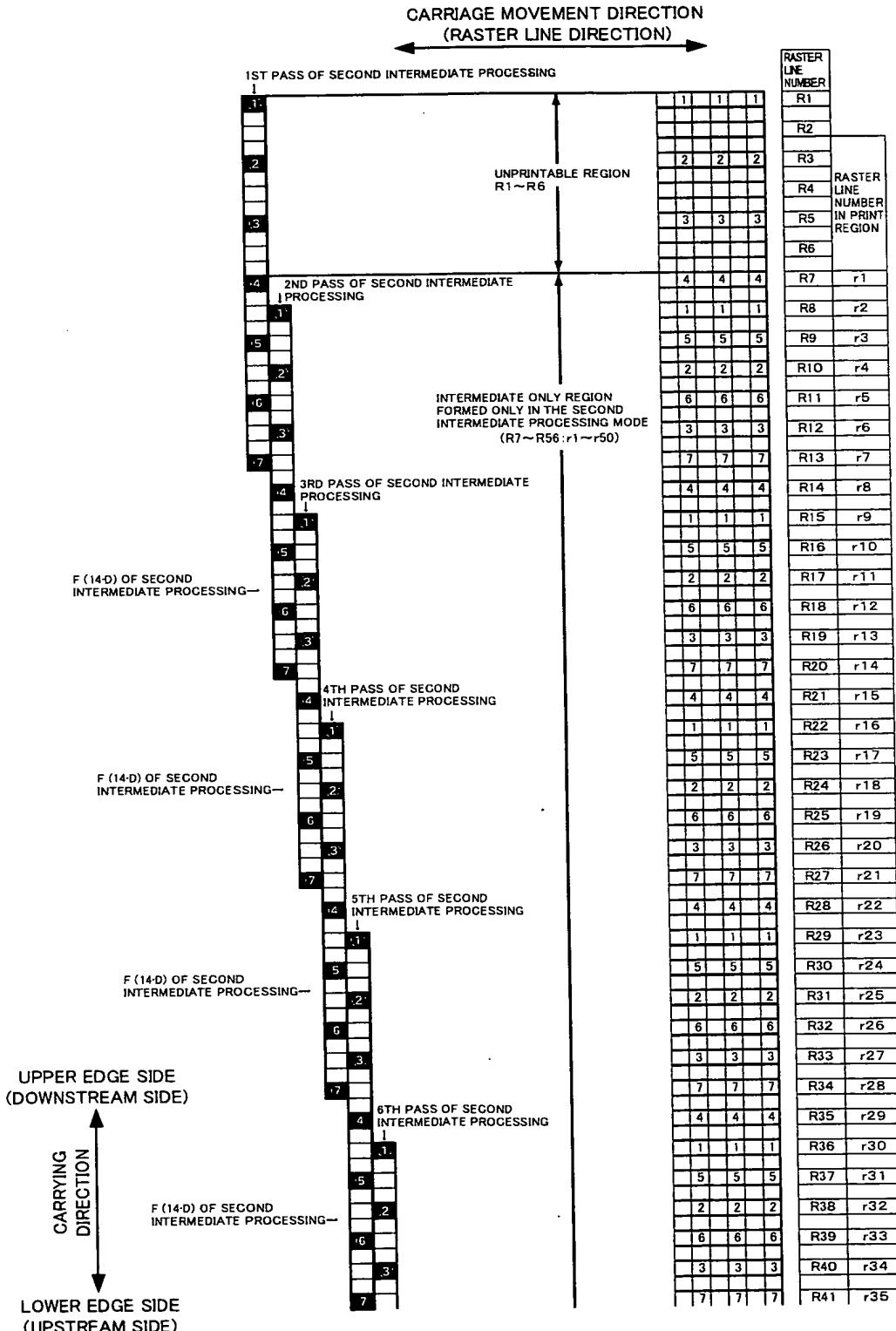
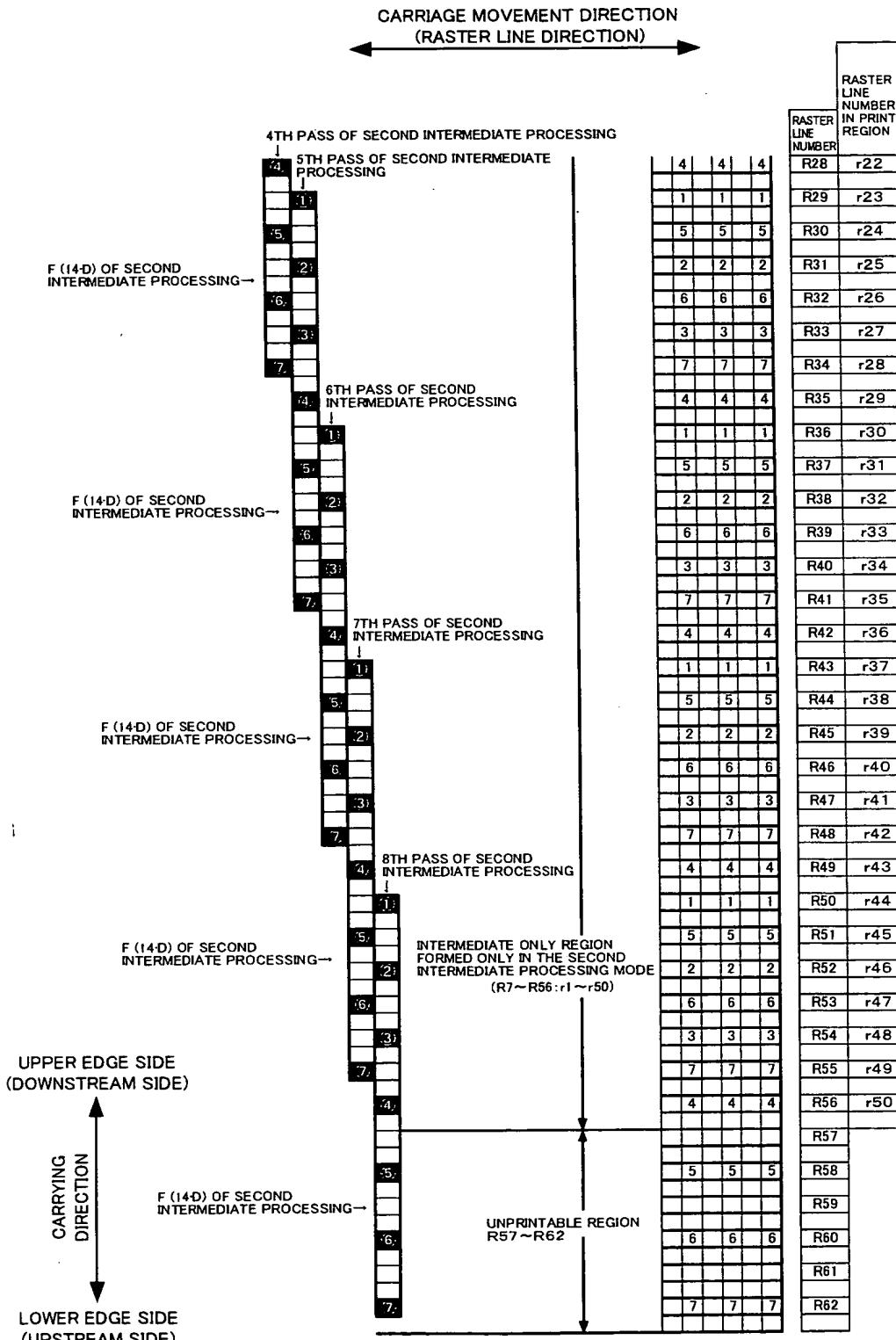


Fig.24A

24/44



25/44

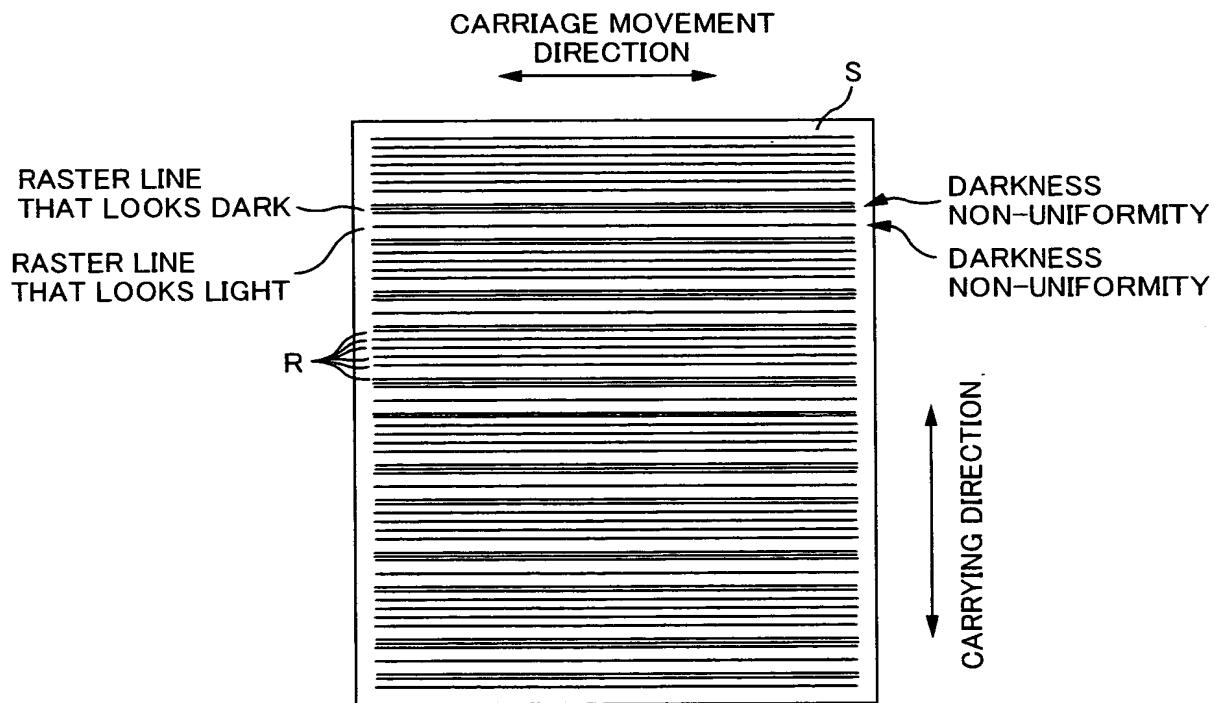


Fig.25

26/44

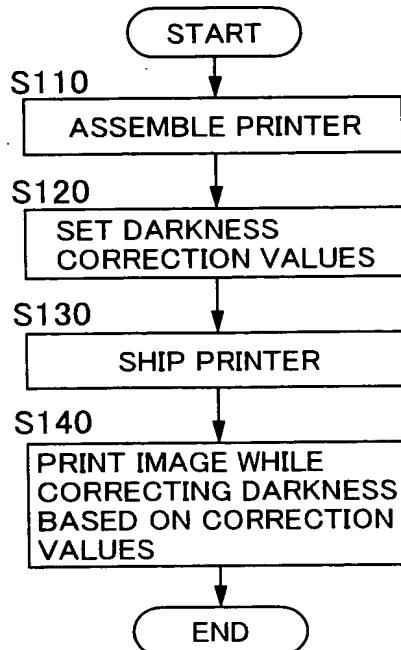


Fig.26

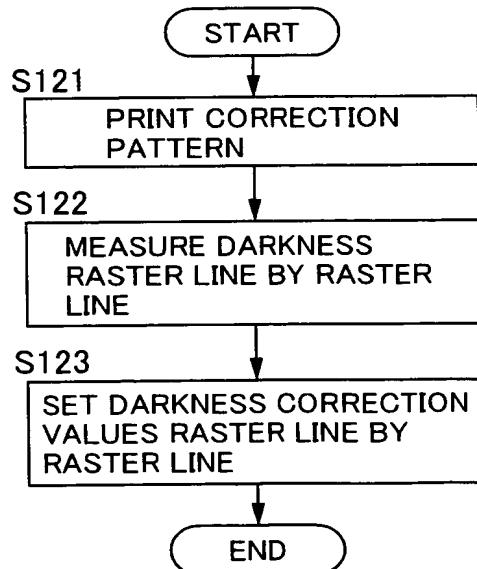


Fig.27

27/44

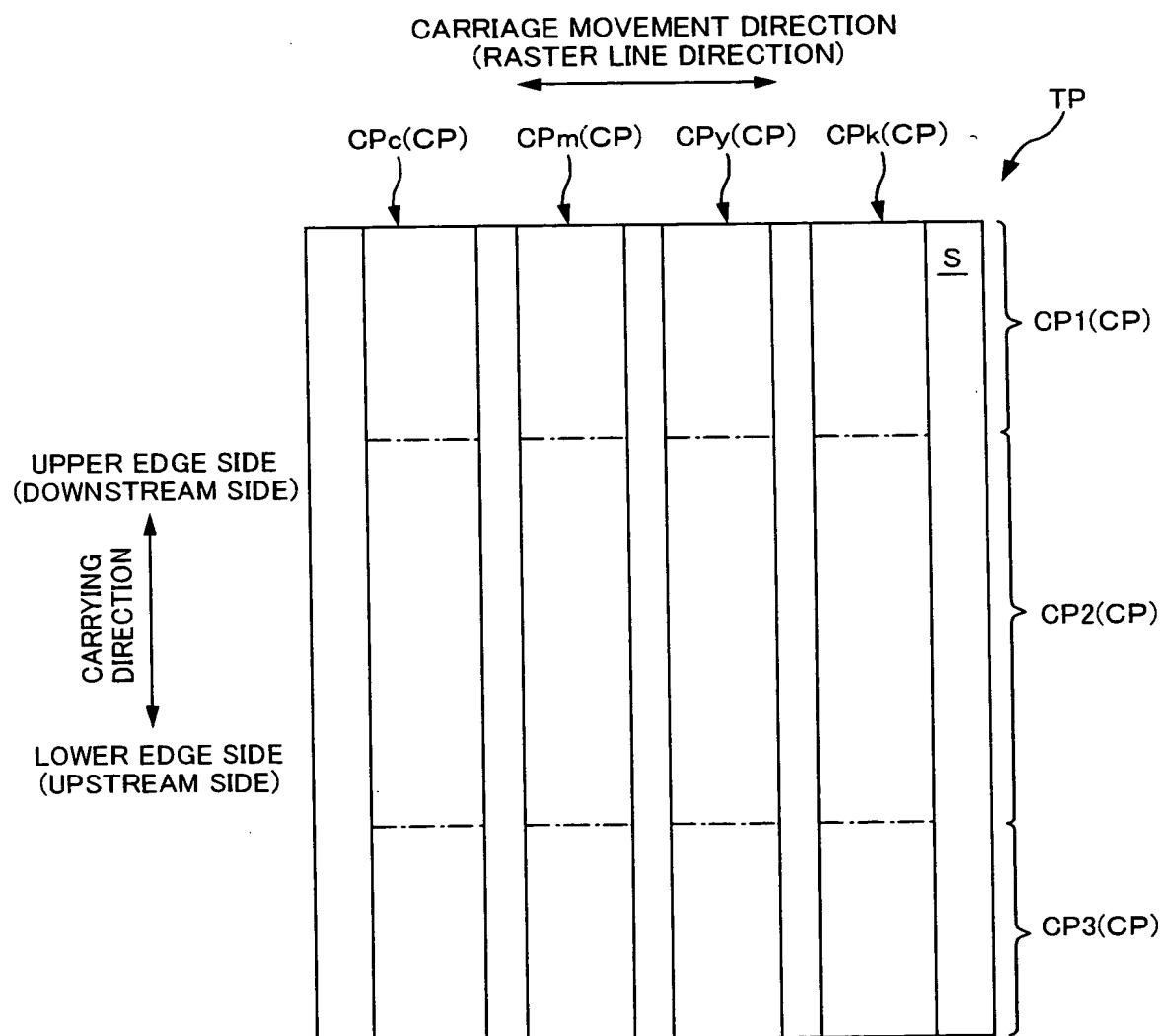


Fig.28

28/44

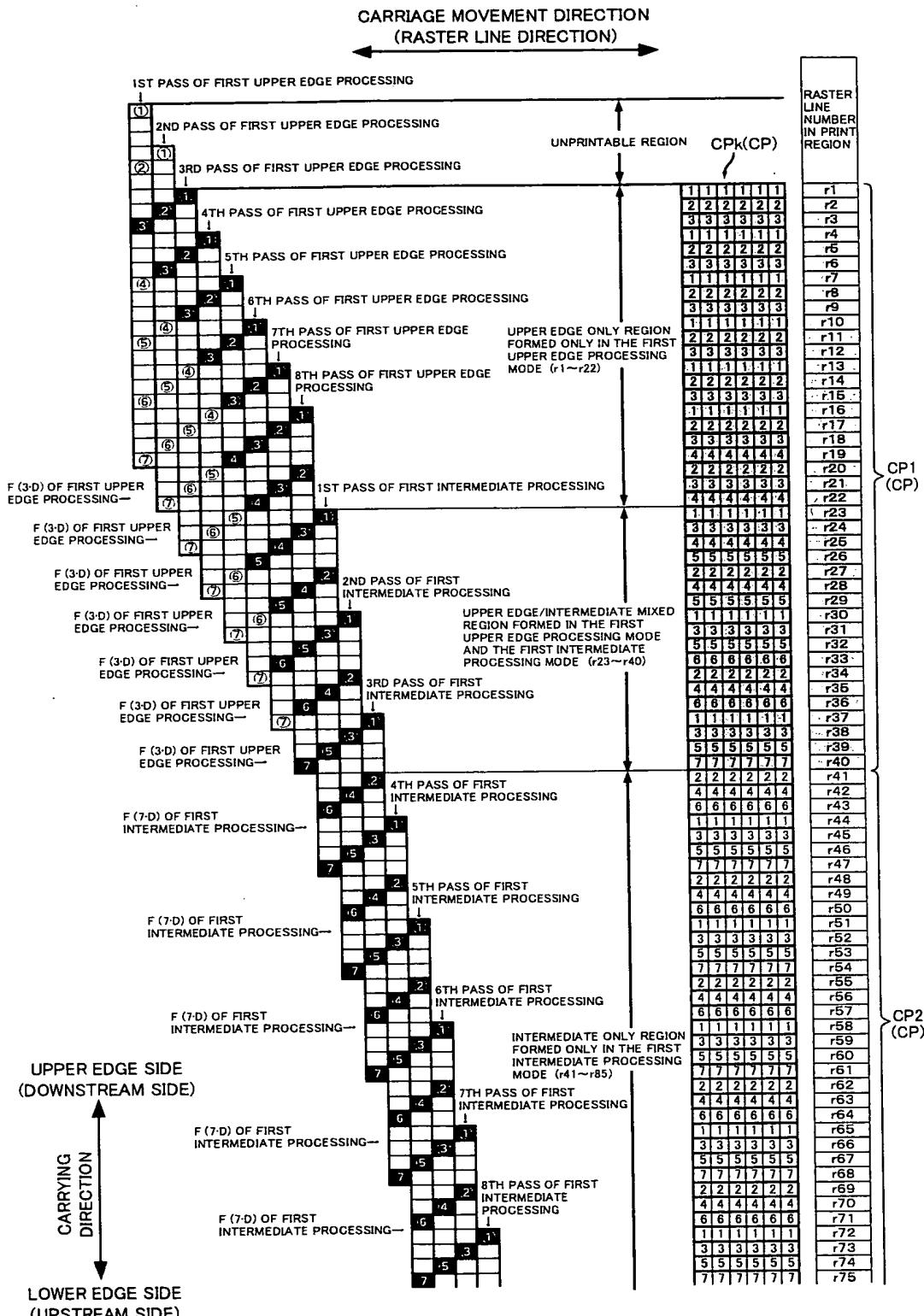


Fig.29A

29/44

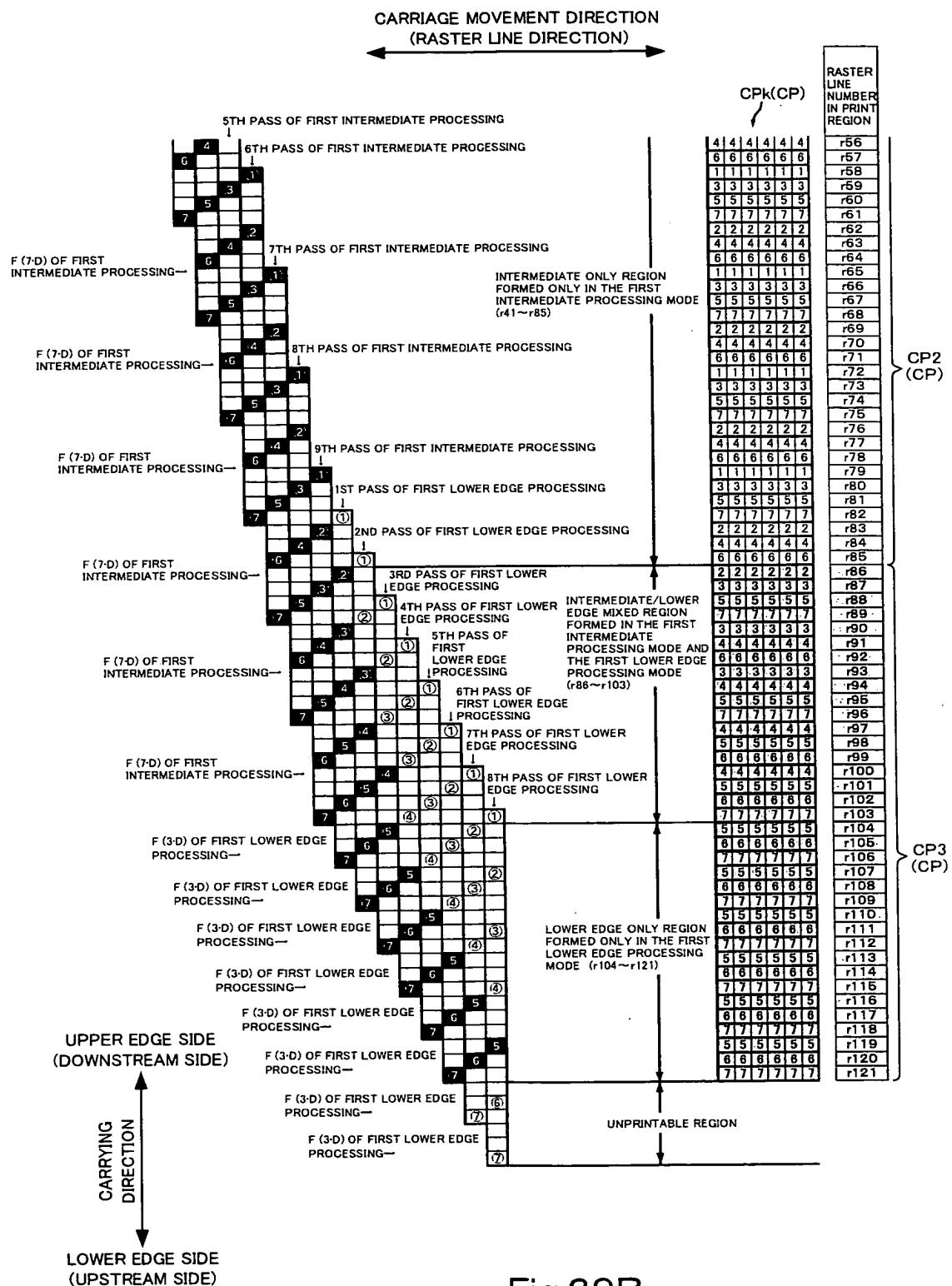


Fig.29B

30/44

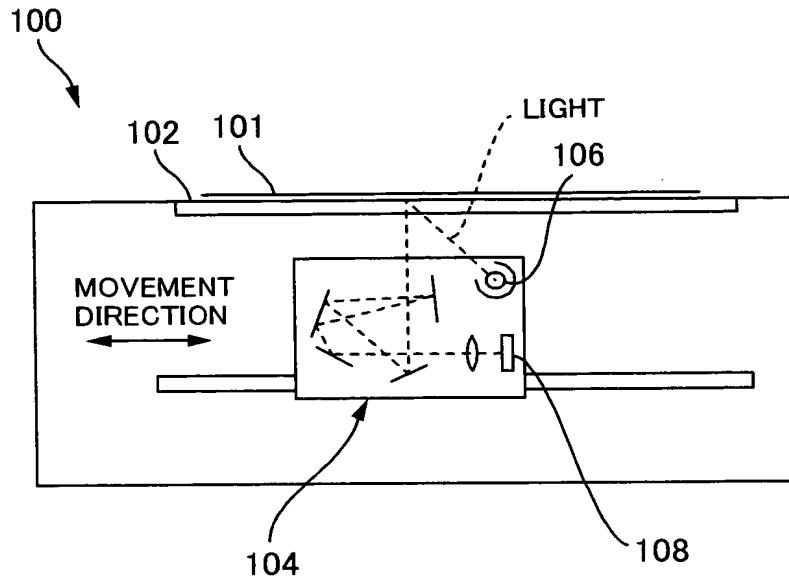


Fig.30A

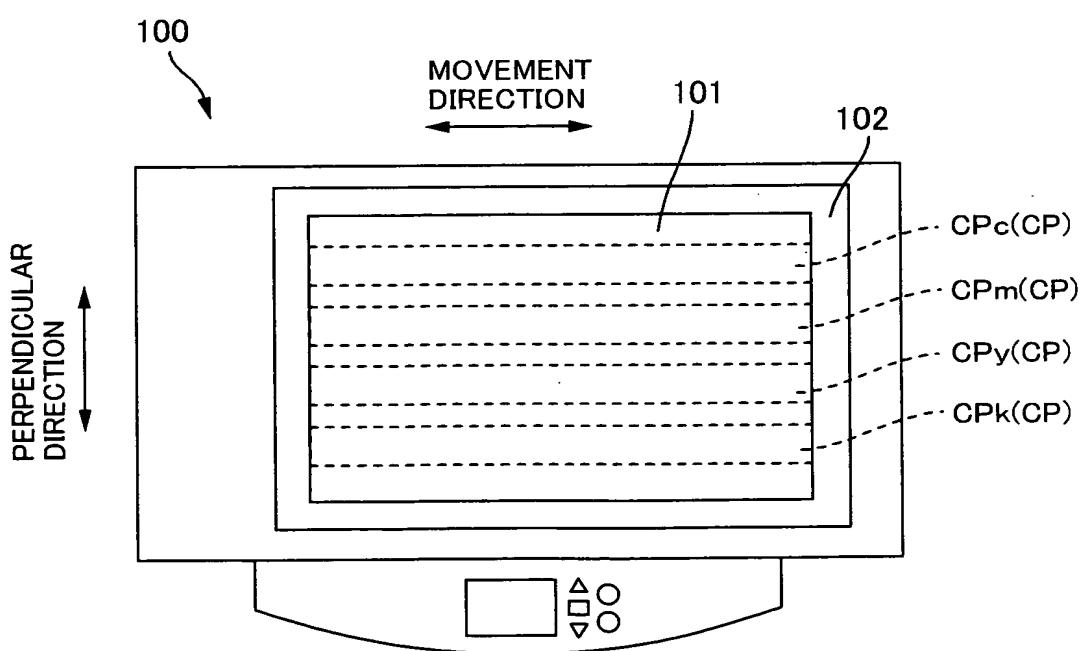


Fig.30B

31/44

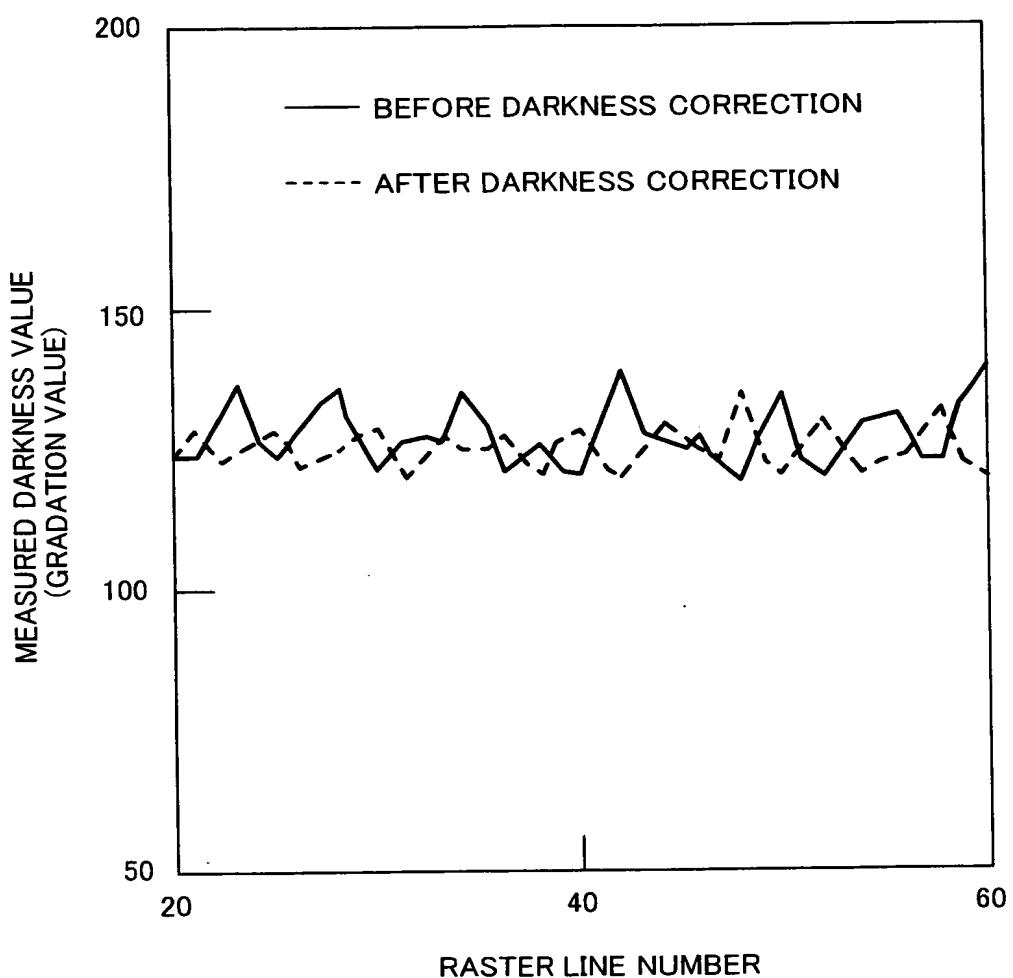


Fig.31

32/44

RECORDING TABLE FOR FIRST UPPER EDGE PROCESSING MODE		RECORDING TABLE FOR FIRST LOWER EDGE PROCESSING MODE		RECORDING TABLE FOR SECOND LOWER EDGE PROCESSING MODE		RECORDING TABLE FOR SECOND UPPER EDGE PROCESSING MODE	
RECORD NUMBER	MEASURE-MENT VALUE	RECORD NUMBER	MEASURE-MENT VALUE	RECORD NUMBER	MEASURE-MENT VALUE	RECORD NUMBER	MEASURE-MENT VALUE
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12

Fig. 32

33/44

RECORDING TABLE  
 FOR FIRST UPPER EDGE  
 PROCESSING MODE

RECORD NUMBER	MEASUREMENT VALUE
1	* * *
2	* * *
3	* * *
4	* * *
5	* * *
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8	* * *
9	* * *
10	* * *
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Fig.33A

RECORDING TABLE FOR  
 FIRST INTERMEDIATE  
 PROCESSING MODE

RECORD NUMBER	MEASUREMENT VALUE
1	* * *
2	* * *
3	* * *
4	* * *
5	* * *
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Fig.33B

RECORDING TABLE FOR  
 FIRST LOWER EDGE  
 PROCESSING MODE

RECORD NUMBER	MEASUREMENT VALUE
1	* * *
2	* * *
3	* * *
4	* * *
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Fig.33C

34/44

FOR BLACK INK

RECORD NUMBER	MEASUREMENT VALUE	CORRECTION VALUE
1		TABLE FOR FIRST UPPER EDGE PROCESSING MODE
2		TABLE FOR FIRST INTERMEDIATE PROCESSING MODE
3		TABLE FOR FIRST LOWER EDGE PROCESSING MODE
4		TABLE FOR SECOND UPPER EDGE PROCESSING MODE
5		TABLE FOR SECOND INTERMEDIATE PROCESSING MODE
6		TABLE FOR SECOND LOWER EDGE PROCESSING MODE
7		TABLE FOR THIRD UPPER EDGE PROCESSING MODE
8		TABLE FOR THIRD INTERMEDIATE PROCESSING MODE
9		TABLE FOR THIRD LOWER EDGE PROCESSING MODE
10		TABLE FOR FOURTH UPPER EDGE PROCESSING MODE
11		TABLE FOR FOURTH INTERMEDIATE PROCESSING MODE
12		TABLE FOR FOURTH LOWER EDGE PROCESSING MODE

FOR CYAN INK

RECORD NUMBER	MEASUREMENT VALUE	CORRECTION VALUE
1		TABLE FOR FIRST UPPER EDGE PROCESSING MODE
2		TABLE FOR FIRST INTERMEDIATE PROCESSING MODE
3		TABLE FOR FIRST LOWER EDGE PROCESSING MODE
4		TABLE FOR SECOND UPPER EDGE PROCESSING MODE
5		TABLE FOR SECOND INTERMEDIATE PROCESSING MODE
6		TABLE FOR SECOND LOWER EDGE PROCESSING MODE
7		TABLE FOR THIRD UPPER EDGE PROCESSING MODE
8		TABLE FOR THIRD INTERMEDIATE PROCESSING MODE
9		TABLE FOR THIRD LOWER EDGE PROCESSING MODE
10		TABLE FOR FOURTH UPPER EDGE PROCESSING MODE
11		TABLE FOR FOURTH INTERMEDIATE PROCESSING MODE
12		TABLE FOR FOURTH LOWER EDGE PROCESSING MODE

FOR MAGENTA INK

RECORD NUMBER	MEASUREMENT VALUE	CORRECTION VALUE
1		TABLE FOR FIRST UPPER EDGE PROCESSING MODE
2		TABLE FOR FIRST INTERMEDIATE PROCESSING MODE
3		TABLE FOR FIRST LOWER EDGE PROCESSING MODE
4		TABLE FOR SECOND UPPER EDGE PROCESSING MODE
5		TABLE FOR SECOND INTERMEDIATE PROCESSING MODE
6		TABLE FOR SECOND LOWER EDGE PROCESSING MODE
7		TABLE FOR THIRD UPPER EDGE PROCESSING MODE
8		TABLE FOR THIRD INTERMEDIATE PROCESSING MODE
9		TABLE FOR THIRD LOWER EDGE PROCESSING MODE
10		TABLE FOR FOURTH UPPER EDGE PROCESSING MODE
11		TABLE FOR FOURTH INTERMEDIATE PROCESSING MODE
12		TABLE FOR FOURTH LOWER EDGE PROCESSING MODE

FOR YELLOW INK

RECORD NUMBER	MEASUREMENT VALUE	CORRECTION VALUE
1		TABLE FOR FIRST UPPER EDGE PROCESSING MODE
2		TABLE FOR FIRST INTERMEDIATE PROCESSING MODE
3		TABLE FOR FIRST LOWER EDGE PROCESSING MODE
4		TABLE FOR SECOND UPPER EDGE PROCESSING MODE
5		TABLE FOR SECOND INTERMEDIATE PROCESSING MODE
6		TABLE FOR SECOND LOWER EDGE PROCESSING MODE
7		TABLE FOR THIRD UPPER EDGE PROCESSING MODE
8		TABLE FOR THIRD INTERMEDIATE PROCESSING MODE
9		TABLE FOR THIRD LOWER EDGE PROCESSING MODE
10		TABLE FOR FOURTH UPPER EDGE PROCESSING MODE
11		TABLE FOR FOURTH INTERMEDIATE PROCESSING MODE
12		TABLE FOR FOURTH LOWER EDGE PROCESSING MODE

Fig.34

35/44

CORRECTION VALUE  
 TABLE FOR FIRST UPPER  
 EDGE PROCESSING MODE

RECORD NUMBER	MEASUREMENT VALUE
1	* * *
2	* * *
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7	* * *
8	* * *
9	* * *
10	* * *
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Fig.35A

CORRECTION VALUE TABLE  
 FOR FIRST INTERMEDIATE  
 PROCESSING MODE

RECORD NUMBER	MEASUREMENT VALUE
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Fig.35B

CORRECTION VALUE TABLE  
 FOR FIRST LOWER EDGE  
 PROCESSING MODE

RECORD NUMBER	MEASUREMENT VALUE
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Fig.35C

36/44

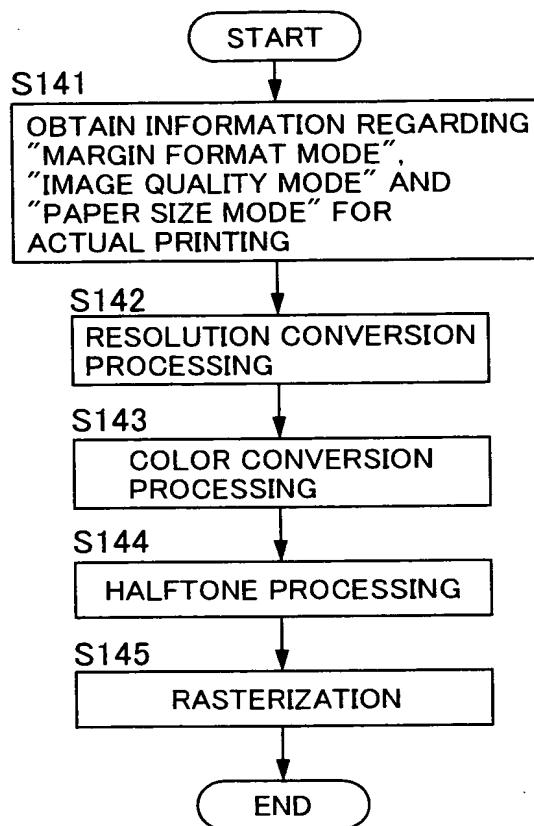


Fig.36

37/44

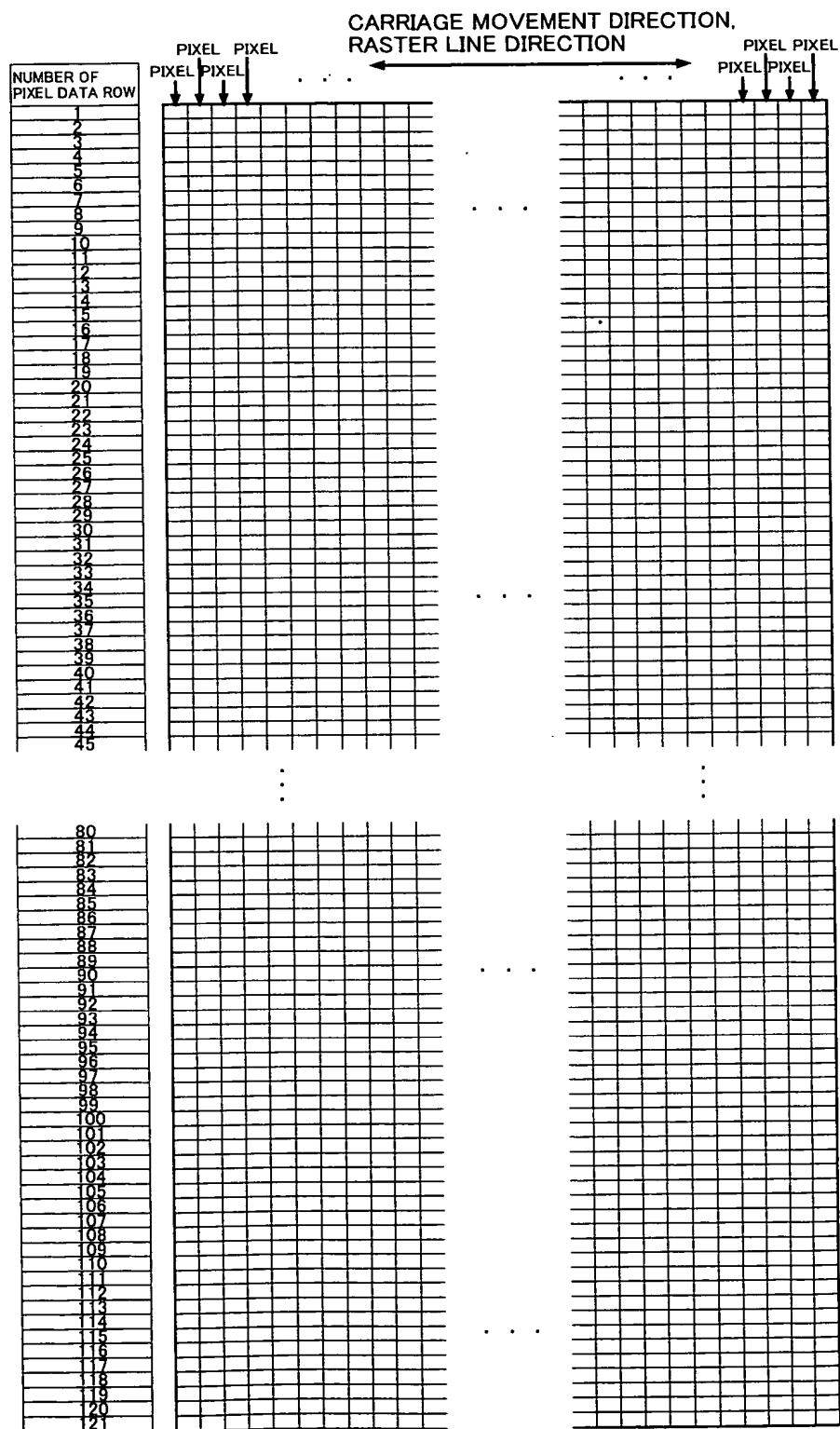


Fig.37

38/44

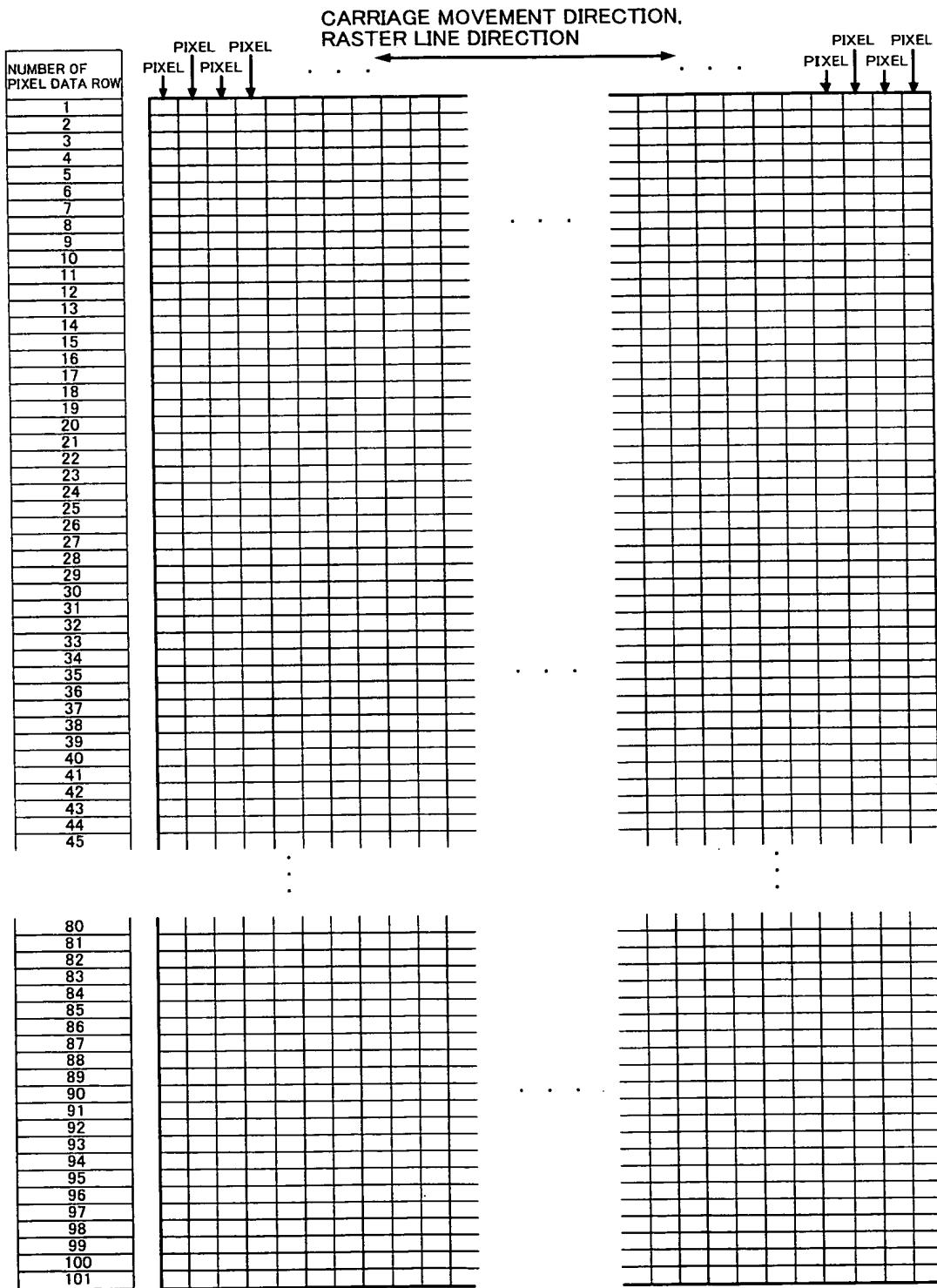


Fig.38

39/44

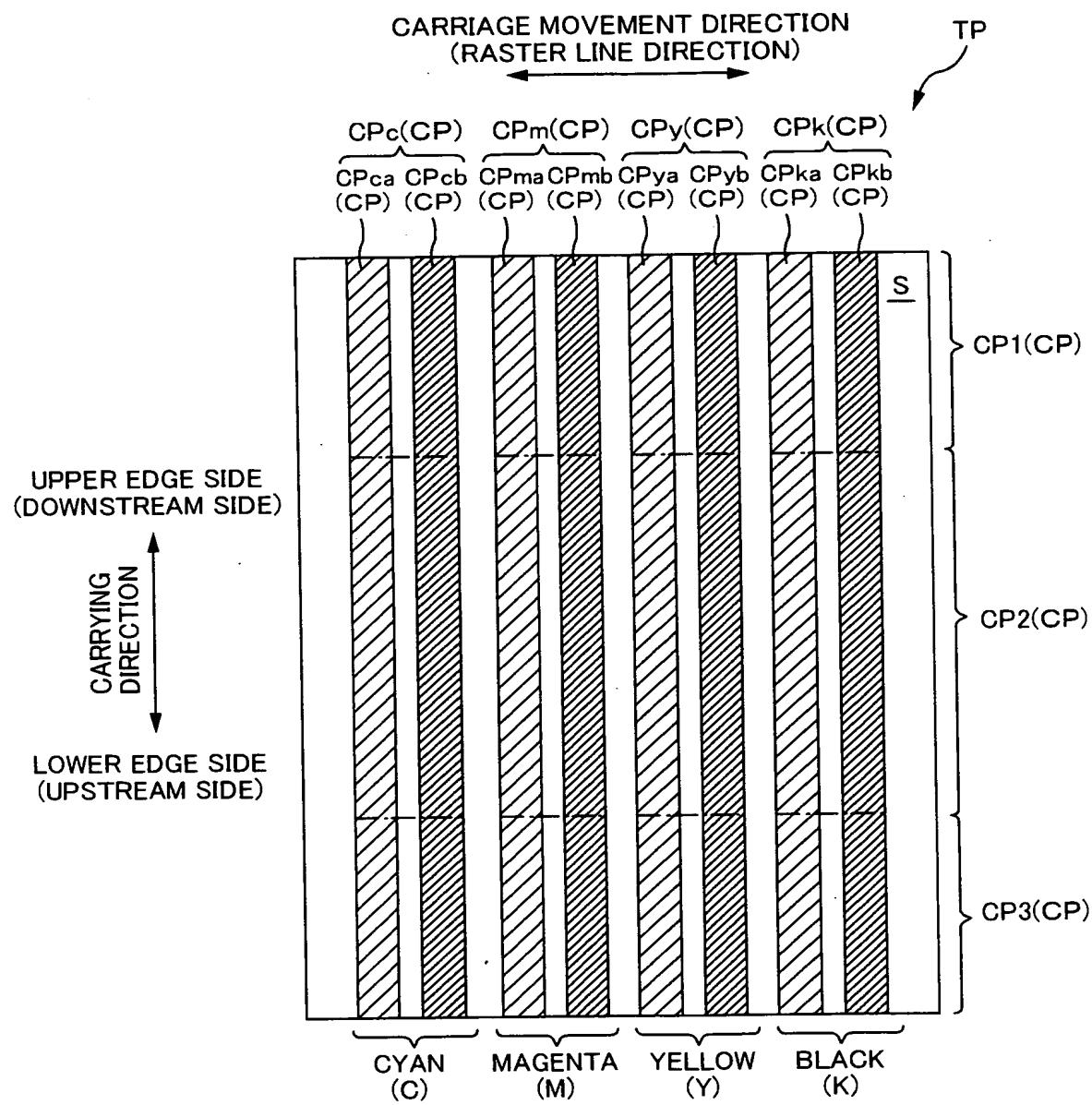


Fig.39

April 20, 2006

Darryl Mexic

Q93289

40 of 44

202-293-7060

40/44

FOR BLACK INK				RECORDING TABLE FOR FIRST UPPER EDGE PROCESSING MODE				RECORDING TABLE FOR FIRST LOWER EDGE PROCESSING MODE				RECORDING TABLE FOR SECOND LOWER EDGE PROCESSING MODE				RECORDING TABLE FOR SECOND UPPER EDGE PROCESSING MODE				RECORDING TABLE FOR SECOND LOWER EDGE PROCESSING MODE			
RECORD NUMBER	MEASURE-MENT VALUE	COMMAND VALUE	Ca Cb Sa Sb	RECORD NUMBER	MEASURE-MENT VALUE	COMMAND VALUE	Ca Cb Sa Sb	RECORD NUMBER	MEASURE-MENT VALUE	COMMAND VALUE	Ca Cb Sa Sb	RECORD NUMBER	MEASURE-MENT VALUE	COMMAND VALUE	Ca Cb Sa Sb	RECORD NUMBER	MEASURE-MENT VALUE	COMMAND VALUE	Ca Cb Sa Sb	RECORD NUMBER	MEASURE-MENT VALUE	COMMAND VALUE	Ca Cb Sa Sb
1				1				1				1				1				1			
2				2				2				2				2				2			
3				3				3				3				3				3			
4				4				4				4				4				4			
5				5				5				5				5				5			
6				6				6				6				6				6			
7				7				7				7				7				7			
8				8				8				8				8				8			
9				9				9				9				9				9			
10				10				10				10				10				10			
11				11				11				11				11				11			
12				12				12				12				12				12			
:				:				:				:				:				:			

Fig.40

41/44

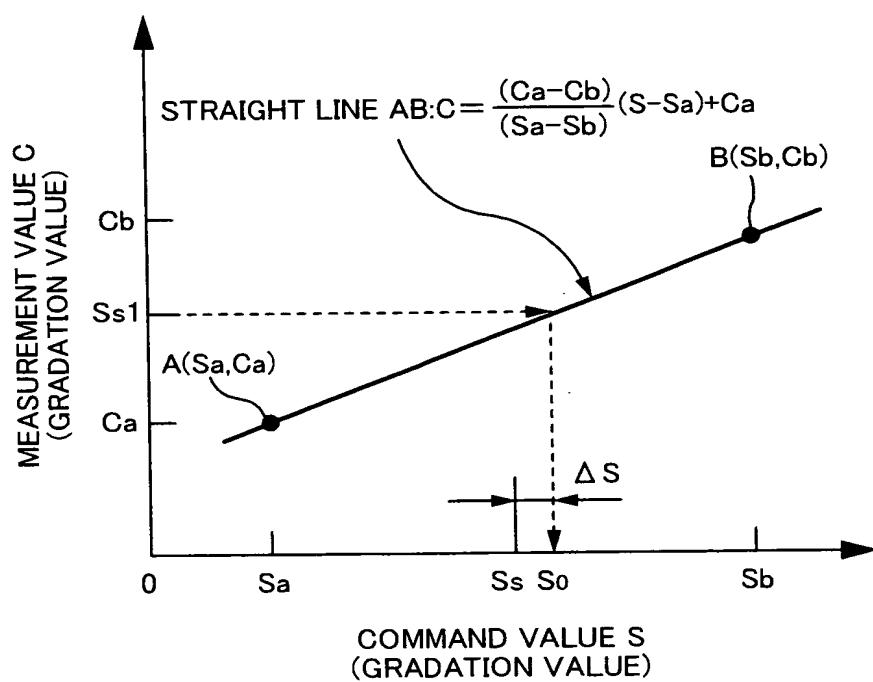


Fig.41

42/44

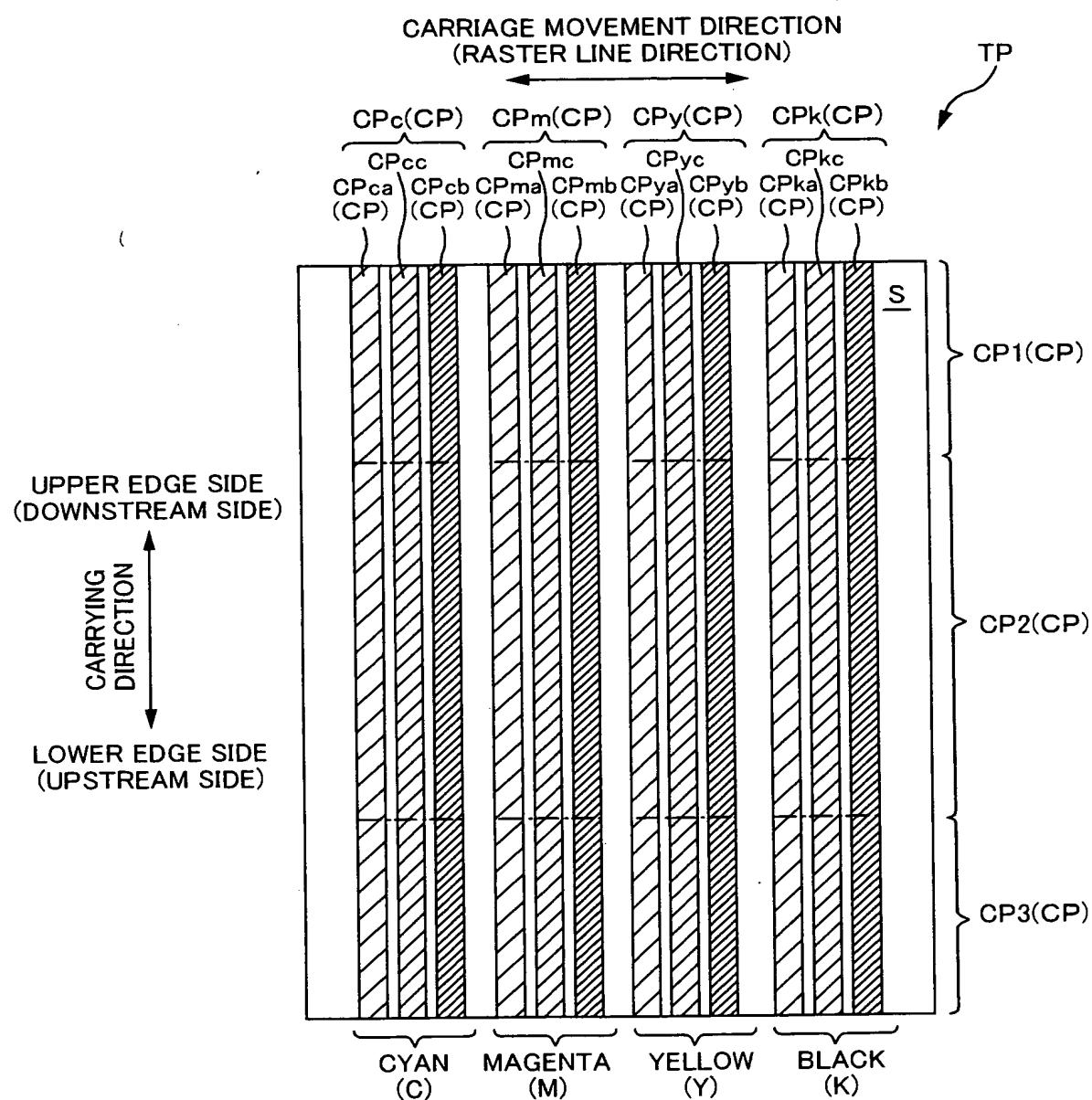


Fig.42

43/44

FOR BLACK INK				RECORDING TABLE FOR FIRST UPPER EDGE PROCESSING MODE				RECORDING TABLE FOR SECOND LOWER EDGE PROCESSING MODE				RECORDING TABLE FOR SECOND LOWER EDGE PROCESSING MODE				RECORDING TABLE FOR SECOND LOWER EDGE PROCESSING MODE			
MEASURE- MENT NUMBER	COMMAND VALUE	RECORD NUMBER	COMMAND VALUE	MEASURE- MENT NUMBER	COMMAND VALUE	RECORD NUMBER	COMMAND VALUE	MEASURE- MENT NUMBER	COMMAND VALUE	RECORD NUMBER	COMMAND VALUE	MEASURE- MENT NUMBER	COMMAND VALUE	RECORD NUMBER	COMMAND VALUE	MEASURE- MENT NUMBER	COMMAND VALUE		
Ca	Cc	Cb	Sa	Sa	Sb	Sb	Sb	Ca	Cc	Cb	Sa	Sb	Ca	Cc	Cb	Sa	Sb	Sb	
1		1		1		1		1		2		2		1		2		1	
2		2		2		2		2		3		3		2		3		2	
3		3		3		3		3		4		4		3		4		3	
4		4		4		4		4		5		5		4		5		4	
5		5		5		5		5		6		6		5		6		5	
6		6		6		6		6		7		7		6		7		6	
7		7		7		7		7		8		8		7		8		7	
8		8		8		8		8		9		9		8		9		8	
9		9		9		9		9		10		10		9		10		9	
10		10		10		10		10		11		11		10		11		10	
11		11		11		11		11		12		12		11		12		11	
12		12		12		12		12		⋮		⋮		12		⋮		12	

Fig.43

44/44

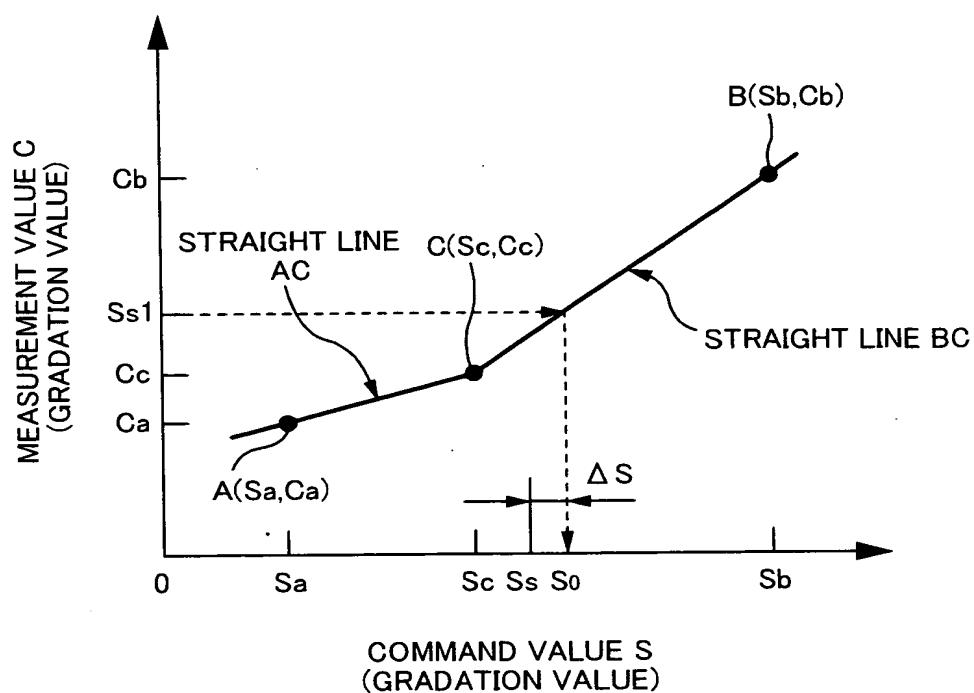


Fig.44